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MONTANA HIGHWAY DEPARTMENT

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

JUNE 21, 1976

DOMINION OF CANADA
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
INCOLN
FLATHEAD
SANDERS
LAKE
MINERAL
MISSOULA
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
BLAINE
VALLEY
ROOSEVELT
RICHLAND
CHOUTEAU
TETON
LEWIS
AND
CASCADE
FERGUS
PETROLEUM
GARFIELD
McCONE
DAWSON
PRAIRIE
WIBAUX
JUDITH
BASIN
CLARK
POWELL
GRANITE
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
FALLON
BROADWATER
JEFFERSON
DEER LODGE
SILVER BOW
RAVALLI
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
TREASURE
CUSTER
POWDER
CARTER
RIVER
BIG HORN
CARBON
PARK
MADISON
BEAVERHEAD
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved. H.J. Anderson, Director Department of Highways
MONTANA DIVISION CONSTRUCTION SECTIONS

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
JUNE 18, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending June 18, 1976:

G E N E R A L

Skies have been mostly cloudy, temperatures moderate, and there has been quite a bit of rain in the past two weeks. Inclement weather has hampered progress.

P R E C O N S T R U C T I O N

I 90-1(12)22, Drexel - East & West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Work is continuing on design plans. The contract remains 85% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Mont., Consultants
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - Oct. 31, 1976
Work is continuing on earthwork balance and miscellaneous details on Superior - West, and the necessary revisions on the Superior structures are being made. The final original plans on the box extension at Sta. 163 were submitted on May 21, 1976. The line change by the bridge over the C. M. St. P. & P. Railroad on the LaVista - Superior primary is being reviewed. The roadway section of the contract is 85% complete, bridge section 99% and the total contract, as a unit, is 94% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles - Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10), State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

RS 10(6), Mullan Road - West of Missoula — Allan Dutton, Field Proj. Mgr.
Three Bridge Locations — Philipsburg, Mont., Phone 859-3602
Work Started April 14, 1976 — Completed - May 28, 1976
Data are in the Division office for revisions and review.

F 219(36), DeSmet - Evaro
Length - 5.3 Miles
Survey Started Dec. 18, 1976
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Est. Comp. Date - Pending
Work has been temporarily suspended. The survey remains 96% complete.

S 221(3), Thompson Falls - West
Length - 4.3 Miles
H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491
The preliminary P. I. H. was held on June 16, 1976. The design remains 50% complete.

S 221(7), Thompson Falls - West
Length - 4.31 Miles
H. J. Smith, Designer II
Missoula, Mont., Phone 549-6491
The P. I. H. was held on June 16, 1976. (Final P. I. H.) The design remains 80% complete.

RF 223(6), Plains - Paradise
Length - 6.9+ Miles, Preliminary Engineering
Personnel Unassigned
Work will be started when personnel are available.

RS 360(3), Rattlesnake Creek Bridge, Missoula
Length - 0.1+ Mile, Preliminary Engineering
Personnel Unassigned
Work will be started when personnel are available.

M 8107(1), N. Orange Street - Missoula
Length - 0.8 Mile, N. Orange to Broadway
from I 90 Interchange
Personnel Unassigned
When available, personnel will be assigned and work started.

M 8114 - Missoula
5th & 6th To 7th Streets
Personnel Unassigned
When available, personnel will be assigned.

C O N S T R U C T I O N

I 90-1(80), Lookout Pass - Saltese
Length - 10.732 Miles, AGS-PMB-G. RAIL-SIGN
Contract Awarded May 6, 1975
Amount of Contract - $5,359,850.07
Work Started June 30, 1975
Work Proceed Date - May 28, 1975
Northwest Construction, Inc.
Kirkland, Wash.,Contractor
C. R. Owen, Field Proj. Mgr.
Saltese, Mont., Phone 678-4346
Contract Time - 200 Working Days
Prob. Comp. Date - Nov. 26, 1976
Washing, screening and stockpiling of concrete aggregate are continuing in the Brimstone pit. Pavement repair is underway in the westbound lane, with the excavation of old sections of mat and replacement with plant mix base. Seeding was started on June 15, 1976. Excavation and backfilling of frost heave areas are continuing, and 6" perforated drains are being installed in the shoulders of cut sections. The areas are being backfilled with filter material. Concrete equipment is being moved to the project. Paving operations are scheduled to be started the first part of July on the eastbound lane, at the Idaho-Mont. line. The project as a whole is 15% complete with 44% of the contract time elapsed. Thirty men are working shifts of various lengths. Construction layout, with a 10-man engineering crew engaged, is 40% complete.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
DeBorgia - East & West & Saltese - Haugan
Length - 10.828 Miles, GR-AGG. SURF-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973
Work Proceed Date - April 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2382
Contract Time - 350 Calendar Days
Prob. Comp. Date - July 31, 1976

Progress has been good. Plant-mix base is being placed on the eastbound lane and 1½" CBC is being placed on eastbound shoulders. Fencing is underway at various locations. Seeding has been completed, except for minor touching up, and the eastbound lane is being striped from Sta. 717 to 937±, so that traffic can be diverted to that lane in the near future. The project as a whole is 94% complete with 95% of the contract time elapsed. Fifty men are working five shifts per week, 8 to 10 hours per day. Construction layout, with a 14-man engineering crew engaged, is 82% complete.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridge over St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Work Started Aug. 19, 1975

Hensel-Phelps Const. Co.
Vancouver, Wash., Contractor
W. L. Liles, Field Proj. Mgr.
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days
Prob. Comp. Date - Aug. 31, 1976

Progress has been very poor. There has been no work at Sta. 169+72. At Sta. 183+57, the two test pile have been driven for Bent 2. Repair of the cofferdam on the left footing of Bent 3 has been started, and some work has been started on forming up on the Bent 4 cap. The project as a whole is 18% complete with 73% of the contract time elapsed. Eleven to 14 men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 50% complete.

I 90-1(77)22, U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453.181
Work Not Yet Started

Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days

There has been insufficient time for the contractor to advise of his plans for starting work.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Amount of Contract - $324,775.51
Work Started July 2, 1975

Hightower & Wallace Const. Co.
Missoula, Mont., Contractor
George Roat, Field Proj. Mgr.
Alberton, Montana
Contract Time - 130 Working Days
Prob. Comp. Date - July 15, 1976

Progress has been fair. Work has consisted of stripping the deck and curb forms from the westbound structure, and forming and placing reinforcing steel for the deck of the eastbound structure. The project as a whole is 80% complete with 77% of the contract time elapsed. Eight men are working five 8-hour shifts per week. Construction layout, with a 4-man engineering crew engaged, is 87% complete.

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork River
Contract let June 26, 1975
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Project Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - Nov. 15, 1976

There has been no work the past several weeks. The project remains 17% complete and 49% of the contract time has elapsed. Construction layout, with a 4-man engineering crew engaged, is 30% complete.

I 90-2(51)78, U-3, Huson - West
Length - 1.020-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974
Work Proceed Date - Sept. 10, 1974

Hensel-Phelps Construction Co.
Burlingame, Calif., Contractor
Wm. C. Maart, Field Project Mgr.
Missoula, Mont., Phone 722-4461
Contract Time - 280 Working Days
Prob. Comp. Date - Sept. 30, 1976

Forming of deck has been completed, and deck construction joints are now being formed and deck reinforcing steel is being placed. Seeding and related items on the roadway section have been completed. The project as a whole is 87% complete with 61% of the contract time elapsed. Sixteen men are working five 8-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 90% complete.

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB-Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Sept. 15, 1976

Progress has been slow because of rainy weather. Crushing and stockpiling of 3/4" plant mix aggregate is continuing. The project as a whole is 5% complete with 9% of the contract time elapsed. Eight men are working five 9-hour shifts per week. Construction layout, with a 6-man engineering crew engaged, is 20% complete.

RF 164(22), Flint Creek Hill, Granite County
Length - 0.5 Mile - Guard Rail
Contract let April 29, 1976
Amount of Contract - $22,410.58
Work Started June 2, 1976
Work Proceed Date - May 24, 1976

Frank Gurney, Inc. & Subsidiary
Spokane, Washington, Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Completed - June 11, 1976

The final data will be submitted to the Division office about July 16, 1976.

RF 186(9), Perma - East
Length - 3.6 Miles, PM-Surf-Seal-Cover-G. Rail
Contract let June 26, 1975
Amount of Contract - $402,977.50
Work Started Aug. 26, 1975
Work Proceed Date - July 22, 1975

Zook Bros. Construction Co.
Great Falls, Montana, Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - June 30, 1976

The contractor plans to start seal and cover operations on June 21, 1976, weather permitting. The project remains 93% complete with 87% of the contract time elapsed.

RF 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Prob. Comp. Date - July 2, 1976

Pit reclamation remains to be completed. The project is 99% complete. Final data are being checked in the Division office.

F 215(25) & F 9999(5), U-3, City of Missoula
Length - 6.8 Miles, Upgrade Surf.-Signs-Signals
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973

Rainbow Electric, Contractor
Great Falls, Mont.,
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

Final data will be submitted to the Division office about July 2, 1976.

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North &
South & Evaro Hill - South
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started May 10, 1976
Work Proceed Date - April 16, 1976

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Montana, Contractor
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Prob. Comp. Date - Sept. 21, 1976

Crushing of 3/4" plant mix aggregate has been completed and paving operations started on June 15, 1976, at Sta. 454+41.7 (50 feet north on connection to PTW.) The project as a whole is 2% complete with 27% of the contract time elapsed. Twenty men are working five 9-hour shifts per week. Construction layout, with a 14-man engineering crew engaged, is 20% complete.

HHS 223(10), Plains
Chain Link Fence & Sidewalk Construction
Contract let May 27, 1976
Amount of Contract - $8,990.00
Work Started June 15, 1976
Work Proceed Date - June 22, 1976

Horswill Roofing & Gen. Con.
Deer Lodge, Mont., Contractor
Gary Eichert, Field Proj. Mgr.
Superior, Montana
Contract Time - 40 Working Days
Prob. Comp. Date - Aug. 1, 1976

Topsoil and sod are being removed from the fill area, preparatory to forming for the sidewalk. The project is 0% complete with 0% of the contract time elapsed. Three men are working five 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 75% complete.

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-AGG. S.-PMB-WIDEN &
GUARDRAIL REVISION
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Not Yet Started

Washington Construction Co.
Missoula, Mont., Contractor
Gerald P. Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 150 Working Days
Prob. Comp. Date - August, 1977

Construction layout, with a 6-man engineering crew slope staking, is 10% complete.

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation - Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Prob. Comp. Date - July 30, 1976

Delineators were installed west of Lolo on the M-RS 000S(51) project. On the M 8199(2), U-1 project, bouncing ball flashers were installed on the Class 6 poles and guide posts installed. The project as a whole is 60% complete with 50% of the contract time elapsed. Two men have been working four 8-hour shifts per week. Construction layout, with two engineers engaged, is 99% complete.

SMP 3299-76, Maintenance Stockpiles
Mineral, Missoula & Ravalli Counties
Contract let Jan. 22, 1976
Amount of Contract - $88,050.00
Work Started Feb. 5, 1976
Work Proceed Date - Feb. 13, 1976

Washington Construction Co.
Missoula, Mont., Contractor
Dwight R. Lohn, Lab. Supvr. 2
Missoula, Mont., Phone 549-6491
Contract Time - 70 Working Days
Completed - April 14, 1976

Final data are being forwarded to Helena this week.

M 8107(2), City of Missoula
Signalization of Intersections
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Prob. Comp. Date - July 30, 1976

Surfacing has been completed, and installation of signals is currently underway. Progress has been good. The project as a whole is 40% complete. One to six men have been working five 8-hour shifts per week. Construction layout, with 2 engineers engaged, is 65% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School Crossing Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.
Work Not Yet Started

J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Western Sign Corp., Contractor
Great Falls, Montana
Contract Time - 90 Working Days

There has been insufficient time for the contractor to advise of his plans for starting work.

Ben C. Miller

BEN C. MILLER, P. E., SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM:cn

RECEIVED
JUN 18 1976
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
KALISPELL, MONTANA

June 18, 1976

Department of Highways
Helena, Montana 59601

Progress Report

Gentlemen:

The following is a report on pre-construction and construction activities in Area 1230 for the period ending June 18, 1976.

G E N E R A L

Progress has been fair to good. Weather has been mostly cloudy with considerable rain. Day time temperatures from +58° to +73° with night temperatures from +38° to +52°. Highways in normal spring driving conditions.

P R E - C O N S T R U C T I O N

F-100(9) Columbia Falls East & West
S-334(2) Nucleus Avenue
Length - 5.4 Miles
Design Started - January 14, 1975

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Aug. 30, 1976

F-100(9)

There has been no work the past period on design. Design personnel are presently working on plan revisions for Project S-404(6). 203 man days have been used to date on design, which is approximately 41% complete.

S-334(2)

There has been no work the past period on design. The Hydraulics Unit is presently in the process of making recommendations on the storm drain system. Fifty nine man days have been used to date on design, which is approximately 41% complete.

F-263(8) Stryker-Rooseville
Length - 6.0± Miles
Survey Authorization Dated - Nov. 13, 1975
Survey Started - December 8, 1975

Gerald Roat, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Est. Comp. Date: Dec. 1, 1976

The survey is now suspended pending shutdown of construction activities this fall. Survey as a whole is approximately 71% complete with 554 man days expended.

RS-325(2) Libby South East Rte. 482
Length - 3.5 Miles
Survey Authorization Dated - Dec. 6, 1974
Survey Started - January 6, 1975
Survey Suspended - January 17, 1975

Gerald Roat, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Est. Comp. Date: Pending

No work on this location survey this month due to other work loads. The limited survey which consists of centerline, section ties and level datum remains 3% complete.

RS-404(6) & M-6730( ) Kalispell-South Loop
Length - 3.5 Miles
Scheduled for August 26, 1976 Letting

August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006

Flathead Electric Co-op completed their revisions on May 1, 1975. Montana Power resumed gas line relocation April 8, 1976 with 4 to 7 men employed on intermittant schedule, temporarily suspended work as of June 8. Gas main revisions are approximately 90% complete and should be completed by July 1, 1976. Right of way acquisition is now complete and Northwestern Telephone Systems and Pacific Power and Light Company have been authorized to complete their revisions.

RS-451(1) West Reserve Drive
Length- 6.5 Miles
Design Started - July 22, 1974

Loren Dollan, Designer II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date: Aug. 30, 1976

No work has been done on design the past period. Seventy two (72) man days have been used to date on design, which is approximately 12% complete.

M-6701(1) Meridian Road-Kalispell
Length - 2.0 Miles
Survey Authorization Date - Feb. 21, 1975
Work Not Started

Personnel Unassigned
Kalispell, Montana
Phone: 755-5717
Est. Comp. Date: Pending

No work the past month due to the need for personnel on other projects.

C O N S T R U C T I O N

FH7-1(1) Thompson Falls West
Aggregate Surfacing & Plant Mix Bit. Base & Signing
Length - 10.0 Miles
Contract Let - March 27, 1975
Contract Awarded - March 31, 1975
Contract Amount - $756,731.50
Proceed Order - April 21, 1975
Work Started - July 22, 1975

Zook Brothers Const. Co.
Great Falls, Montana 59401
August Strobbe, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 110 Working Days
Prob. Comp. Date: July 15, 1976

There has been no work on the project this period. All major items are 100% complete with the exception of chip and seal and striping which will be completed in the summer of 1976. There will be no further work on the project until then. The project as a whole is approximately 85% complete with 87% of the contract time elapsed. Construction layout is 98% complete with two (2) engineering personnel assigned and working on notes in division office when not assigned to other projects.

RF-58(26) Manicke-Kalispell
Fencing U.S. #2 Loon Lake-Flathead Co. Line
Length - 10.0 Miles
Contract Let - August 21, 1975
Contract Awarded - August 27, 1975
Contract Amount - $185,172.00
Proceed Order - Sept. 18, 1975 (S.P. #17)
Work Started - Oct. 6, 1975

Fred Strandberg Const. Co.
Helena, Montana 59601
Jack Adamson, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Contract Time: 60 Working Days
Prob. Comp. Date: June 22, 1976

Progress has been good. The contractor has been working one 8 hour shift five days a week, with 2 - 8 men employed. The major items of the contract are now completed. The contractor has two men on general cleanup around the cattle guards and removing brush and trees that were cut from R/W line. The project as a whole is now 98% complete, with approximately 75% of the contract time elapsed. Construction layout is 100% complete with one engineer assigned as needed.

F-100(11) UI Columbia Falls-West
Grade, Agg. Surf., Plant Mix Bit. Surf. & Signing
Length - 4.149
Contract Let - October 25, 1973
Contract Awarded - October 26, 1973
Contract Concurred by FHWA - Oct. 29, 1973
Contract Amount - $773,090.03
Proceed Order - April 16, 1974
Work Started - April 12, 1974

Hilde Const. Co., Inc. &
Maronick Construction Co. (JV)
East Helena, Montana 59601
Ray Munsinger, Eng. Tech. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 200 Cal. Days
Project Completed: July 17, 1975

The Final was transmitted to Helena June 16. This will be the final report.

RF-BRF-100(15) Flathead River Br.-Columbia Falls
Pre-Stressed Concrete Girder Bridge &
Grade & Surf. Temp. Approach
Length - 0.303 Miles
Contract Let - March 27, 1975
Contract Awarded - Mar. 31, 1974 (Conc. by FHWA)
Contract Amount - $2,117,380.30
Proceed Order - April 21, 1975
Work Started - May 21, 1975

COP Construction Co.
Billings, Montana 59101
Lawrence Chezik, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 300 Working Days
Prob. Comp. Date: July 1, 1977

Progress has been fair. The contractor worked 10-8 hour shiftsemploying 13-34 men. The project is approximately 48% complete with 46% contract time elapsed. All deck and barrier re-steel has been tied and all deck concrete placed for the E.B. structure. The Telephone Co. has installed 3 pull boxes and approximately 550 L. Ft. of run consisting of 4-3" PVC conduit per run. The contractor is presently removing minor forms, finishing expansion joint area's and general cleanup. Three state inspectors are assigned to the project.

U191(38) St. Matthew School Signals
MU6799(1) U.S. 2 Signal Upgrade
Installation of Flasher at St. Matthew
School Crossing on Main St. in Kalispell
and Signal Controller Upgrade on 4
Intersection on U.S. 2
Contract Let - March 25, 1976
Contract Awarded - Mar. 31, 1976 (FHWA April 1, 1976)
Contract Amount - $46,975.20
Proceed Order - April 22, 1976
Work Not Started

Signal Electric, Inc.
Kent, Washington
August Strobbe,Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5006
Contract Time: 45 Working Days
Prob. Comp. Date: Aug. 1, 1976

The contract was awarded on March 31, 1976. The contractor has been furnished a list of materials required for project. There is no time assessment being charged as per special provision No. 1-B. A preconstruction conference will be scheduled in the near future.

DP-270(13) U.S. 93 North of Kalispell
Grade, Gravel Surface, Plant Mix Surf.
Length - 0.776 Miles
Contract Let - February 26, 1976
Contract Awarded - March 1, 1976
FHWA Concurred - March 2, 1976
Contract Amount - $285,900.23
Proceed Order - April 16, 1976
Work Started - April 27, 1976

Pack & Company, Inc.
Kalispell, Montana 59901
August Strobbe, Field Proj. Mgr.
Kalispell, Montana
Phone: 755-5006
Contract Time: 60 Working Days
Prob. Comp. Date: July 9, 1976

Progress has been good. The sub-contractor employed 16 men, working 1-8 shifts per 5 days a week. Grading excavation is 100% complete with borrow placement 100% complete. Base Course 1½in. Gr. 5 A is 100% complete. All cross drains and approach culverts are 100% complete. Topsoil placement is approximately 50% complete with 50% of the contract time elasped. Construction layout is approximately 80% complete with a four man survey crew, and two inspectors engaged.

RF-330(6) Libby-East
Grade, Agg. Surf. Plant Mix Surf. &
Seal, Storm Sewer Installation
Signing, Lighting & One Pre-stressed Concrete
Girder Bridge
Length - 4.5 Miles
Contract Let - March 27, 1975
Contract Awarded - April 14, 1975 (Conc. FHWA 4-7-75)
Contract Amount - $2,843,803.46
Proceed Order - April 18, 1975
Work Started - April 28, 1975

Zook Bros. Const. Co.
Great Falls, Montana 59401
Gerald Roat, Field Proj. Mgr.(Rdwy)
Libby, Montana 59923
Phone: 293-7012
Elden Gamache, Br. Insp. (Struct.)
Contract Time: 200 Working Days
Prob. Comp. Date: Sept. 1, 1976

Roadway

Progress has been fair the past two weeks. The contractor worked 8-8 to 10 hour shifts on Plant Mix Type 3, losing two shifts due to rain. The main line is completed, leaving only the approaches. Curb and gutter is 100% and sidewalks 80% complete with sub contractor Wm Winkler working 8-8 to 10 hour shifts, should be completed next week. Topsoil has been spread throughout and is about 95% complete. The project as a whole is approximately 90% complete with 74% of adjusted contract time elpased. Construction layout is about 84% complete with twelve (12) engineers and inspectors assigned.

Structure

The structure is complete pending final inspection.

RS-410(8) Wampoo-Burnt Creek Yaak Road
Grade, Gravel Surface, Plant Mix
Length - 4.6 Miles
Contract Let - June 10, 1976
Contract Awarded - June 14, 1976
Contract Amount - $1,546,063.86
Proceed Order - Not Received to Date

Murphy Bros., Inc.
Spokane, Washington
Jack Adamson, Field Proj. Mgr.
Troy, Montana 59935
Phone: 295-4741
Contract Time: 140 Working Days
Prob. Comp. Date: July 1, 1977

A five to seven man engineering crew has completed retracing centerline and are now placing boundary lines around the Forest Service gravel pit. No word from contractor when work will start. Construction layout is approximately 5% with seven (7) engineering personnel employed.

RS-DP-448(3) Dayton-Northwest
Grade, Agg. Surf. Plant Mix Base
Length - 5.38 Miles
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount - $1,227,911.77
Proceed Order - April 16, 1976
Work Started - April 5, 1976

L. M. Johnson, Inc.
Spokane, Washington
August Strobbe, Field Proj. Mgr.
Dayton, Montana
Phone: 849-5569
Contract Time: 180 Working Days
Prob. Comp. Date: Oct. 1, 1976

Progress has been good. Contractor is working 5-8 hour shifts employing 22 men. Grading operations between station 27+ to 236+ making this item approximately 65% complete. Clearing and grubbing is 100% complete. Cross drain culverts has been placed from stations 86+ to 245 making this item approximately 38% complete. Fencing from stations 27+00 to 324+00 is completed on right side making fencing approximately 50% complete. The project as a whole is approximately 25% complete with 28% of the contract time elapsed. Construction layout, with a ten man survey crew is 30% complete, with two (2) inspectors engaged.

RF-9999(56) Safety-Flathead, Lake & Sanders Co.
RF-9999(71) Safety-Flathead, Lake Counties
Signs, Traffic Control Devices & Delineation
Length - 260.8 Miles
Contract Let - February 27, 1975
Contract Awarded - Mar. 3, 1975 (FHWA Conc.)
Proceed Order - April 16, 1975

Western Sign Corporation
Great Falls, Montana
Jack Adamson, Field Proj. Mgr.
Libby, Montana 59923
Phone: 293-7012
Contract Time: 85 Working Days
Proj. Comp. Date: Nov. 8, 1975

The project was completed November 8, 1975. The Final has been submitted to the Division Office for checking and will be forwarded to Helena about June 30, 1976.

SMP-2499-75 State Project
4 Crusher Setups in Flathead & Lake Counties
Contract Let - December 18, 1975
Contract Awarded - December 19, 1975
Contract Amount $137,160.00
Proceed Order - January 9, 1976
Work Started - Mar. 17, 1976

McIntyre Const. Co. & Birch, Inc.
Great Falls, Montana
John Kalien, Div. Matl. Supv. III
Kalispell, Montana 59901
Phone: 755-5717
Contract Time: 90 Working Days
Comp. Date: May 27, 1976

The project was satisfactorily completed May 27, within contract time. Lab personnel are checking final quantities as time permits and will submit to Division Office about July 1, 1976.

Howard A. Stockwell
FOR James J. Keithley, P.E.
Supervisor-Division Const. Section

JJK:HS:cs

Department of Highways

Butte, Montana

June 17, 1976

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending June 15, 1976. The weather has been cool with periods of rain, snow and hail and temperatures ranging from $+32^{o}$ to $+82^{o}$.

PRECONSTRUCTION

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
August 20, 1976

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items, with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin Boulder
Design
5.9 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Probable Completion Date:
Sept. 17, 1976

The Preliminary Plan-In-Hand was held on two days. The office review on May 26 and the field review on May 27, 1976. The PPIH Report is being prepared and several items brought up at the review are being studied. Preliminary Plans are 40% complete. Project as a whole is 24% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross sections, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Updating Signing Plans. Submitted R/W brown lines to MDH on 11/18/75 for final office review. Received marked prints on R/W from MDH 12/02/75 and 1/08/76 for final corrections. Received Fencing and Utility Plans from MDH for final corrections. Received approval of Change Order for Design Study Report and Public Hearing 6/01/76. Design Plans are 90% complete. R/W plans are 95% complete. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
August 13, 1976

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 364(4)
Basin Creek Road
Location Survey
2.829 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
October 15, 1976

Work for the period consisted of checking transit, level, x-section and topography notes. A two man crew expended 2 man days for a total 394 man days used to date. Line and Levels run, cross sections and topography are 100% complete. Section ties are 50% complete. Plan plotted is 20% complete, profile plotted is 50% complete. Project as a whole is 65% complete.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. The mylar and profile plotted; the cross sections plotted & inked; the grades layed and computed are all 100% complete. The plan and profile linens are traced for 1.4 miles or 83% complete. The design is 7% complete with 58 man-days used to date.

PRECONSTRUCTION

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations & design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced; & the cross section plotted & inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 1804
West Park St.-Butte
Design
0.478 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
June 25, 1976

The design crew worked 6 man days proof reading linens, writing special provisions for items peculiar to the project and compiling data for the final estimate. Completion of the design awaits a final decision on the best method of protecting the underground telephone cable located on the project. When this is accomplished the typical sections involved will be revised and a special provision written to cover this contingency. Design work is 95% complete with 563 man days used to date.

CONSTRUCTION

I 15-2(33)96 Unit 3
Divide South
Aggregate Surf., Pl. Mix
Bit. Surf. and Signing
5.910 Miles
Silver Bow County
Contract Let: July 18, 1974
Bid Price: $1,646,579.65
Work Started: August 21, 1974

McIntyre Const. Co. & S. Birch Inc. (JV)
Great Falls, Montana
Joseph Bettle, Mgr.
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Completion Date:
June 9, 1976

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be sent to Helena on Sept. 24, 1976.

I 15-2(34)103 Unit 2
Divide North
The const. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0' prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County

Feldman - Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1204
Contract Time: 200 Calendar Days
Completion Date:

I 15-2(34)103 Unit 2 Cont'd.
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

May 24, 1976

Inspection of June 10, 1976 revealed some minor clean-up items remaining. It is estimated that Final Data will be sent to Helena on August 27, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide - North and Wisdom - Divide Roads
Aggregate Surfacing, Plant Mix Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1975
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 150 Working Days
Probable Completion Date:
August 15, 1976

Work the past period consisted of laying gravel, priming and conducting plant mix operations. The contractor employed 34 men for 8-10 hour shifts. Project as a whole is 49% complete with 53% of the contract time elapsed. Construction layout as a whole is 50% complete with 8 Engineers and 6 Inspectors engaged.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95
Work Started: July 21, 1975

Ingram - Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days
Probable Completion Date:
July 15, 1976

Work the past period consisted of conducting various construction activities. The contractor employed 12 men for 9-8 hour shifts. Project as a whole is 60% complete with 60% of the contract time elapsed. Construction layout as a whole is 80% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit. Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20. 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Montana Tel. 792-1797
Contract Time: 360 Calendar Days
Probable Completion Date:
July 1, 1976

No work the past period. Project as a whole is 99% complete with 88% of the contract time elapsed. Construction layout is 100% complete with 1 Engineer and 1 Inspector engaged.

I 15-2(37)134 &
I 15-3(25)134 Unit 1
Butte North & Woodville-North
Grading, Aggregate Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch, Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Montana Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
November 15, 1976

Contractor plans on resuming construction activities about June 21, 1976. Project as a whole is 34% complete with 23% of the contract time elapsed. Construction layout as a whole is 66% complete.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp., Lewis Const.
Co. & Cascade Electrical Co.(JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
July 23, 1976

Work the past period consisted of installing signs, erecting guardrail, and working on drainage items. The contractor employed 32 men for 9-8 hour shifts. Project as a whole is 58% complete with 61% of the contract time elapsed. Construction layout as a whole is 87% complete with 1 Engineer and 4 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0
footprestressed concrete girder
overpass (Woodville Interchange), a dual 123.0'
concrete girder overpass (Sawmill
Gulch Separation) and a 128.0
foot prestressed concrete girder overpass
(Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Butte, Mt. Tel. 494-3666
Contract Time: 230 Working Days
Probable Completion Date:
July 30, 1976

No work the past period. Percentages complete for the items remain as follows: All items are 100% complete with the exception of Conc. Cl. Ad. 99%,Br. Rail Steel Type 5, 25% & Protective Coat, 0%. The structures as a whole are 96% complete with 112 of the 230 working days used or 49% of the contract time elapsed.

FH 28-1(3)
MacDonald Pass East & West Section (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
October 31, 1976

Work the past period consisted of conducting grading operations, installing culverts and erecting fence. The contractor employed 27 men for 5-10 hour shifts. Project as a whole is 26% complete with 48% of the contract time elapsed. Construction layout as a whole is 81% complete with 5 Engineers and 1 Inspector engaged.

RS 86(4) & RS 253(3)
Radersburg - Toston & SW of
Toston - Northerly
Upgrading & Plant Mix
Bituminous Overlay
12.9 Miles
Broadwater County
Contract Let: March 27, 1975
Bid Price: $445,064.00
Work Started: April 22, 1975

Meyer Constr. Co.
Billings, Montana
Gerald Ditto, Manager
Field Project
Helena, Montana Tel. 442-9762
Contract Time: 90 Working Days
Completion Date:
October 31, 1975

Final Data was sent to Helena on June 14, 1976.

I 90-3(34)193 U1
I IG 90-4(26)194 U1 & RS 304(12)U1
Racetrack-North, Warm Springs-North
& South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started:

Washington Const. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project
Butte, Montana Tel. 494-4172
Contract Time: 260 Working Days
Probable Completion Date:
Sept. 15, 1977

Work the past period consisted of erecting construction signs. The contractor employed 3 men for 4-8 hour shifts. Project as a whole is 0% complete with 3% of the contract time elapsed. Construction layout as a whole is 30% complete with 21 Engineers and no Inspectors engaged.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1694
Contract Time: 240 Working Days
Probable Completion Date
Oct. 14, 1977

I IG 90-3(39)176 Cont'd.
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Not Started

Preconstruction conference was held June 17, 1976. Engineering crew is engaged in construction staking, with construction layout as a whole 69% complete.

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project
I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: Nov. 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Butte, Montana
Probable Completion Date:
July 30, 1976

Progress the past two weeks was good.
Galen Interchange Structures at Sta. 939+75.20: Structure excavation at Bents No. 1&2 E.B. and W.B. and Bent No. 4 W.B. Placed concrete footings at above listed sites and columns at Bent No. 1 E.B. & W.B.
Structure over Warm Springs Creek R"2" Ramp Sta. 1150+23.00: No Work being performed. All concrete in place.
Structure over Warm Springs Creek R"3" Ramp Sta. 1151+89.32: Stripped deck forms and finishing concrete. All concrete in place.
Structure over Warm Springs Creek Frontage Road Sta. 2+20.00: No work being performed. All concrete in place.
Structure over Willow Creek Sta. 1355+38.00: Formed deck and tied reinforcing steel. Placed Concrete. All concrete in place.
Structure over Clark Fork River Sta. 1370+07.00: Drove piling at Bent No. 2 W.B. Placed concrete footing at same Bent site.
Percentages complete for the items as follows: Unclassified Channel Excavation 50%, Structure Excavation 56%, Reinforcing Steel 31%, Class AD Concrete 39%, Structural Steel 20%, Shoring & Crib 50%, Mobilization 50%. The contractor worked ten (10) eight hour (8) shifts employing an average of eighteen (18) men. The project as a whole is 31% complete with 34% of the contract time elapsed.

I 90-5(26)231
Homestake Pass - Three Forks
Resetting Guard Rail, Roadway Realignment,
Conc. Median Rail & Signing
44.5 Miles
Jefferson & Broadwater Counties
Contract Let: August 15, 1974
Bid Price: $1,594,669.70
Work Started: Sept. 16, 1974

Long Constr. Co. Inc.
Billings, Montana
William Bork, Manager
Field Project
Butte, Mont. Tel. 494-5706
Contract Time: 200 Working Days
Completion Date:
November 21, 1975

I 90-5(26)231 Cont'd.
Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on August 20, 1976.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Rest Area,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let August 15, 1974
Bid Price: $388,952.00
Work Started: Sept. 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 110 Working Days
Probable Completion Date:
June 30, 1976

This project is complete with the exception of some shrubbery replacement.

HHS 164(16)
U.S. 10-A West of Anaconda
Fencing
Deer Lodge County
Contract Let: November 20, 1975
Bid Price: $9,090.00
Work Started
April 30, 1976

Glenn Mininger Const.
Helena, Montana
John McGeever, Manager
Field Project
Butte, Mont. Tel. 494-4172
Contract Time: 30 Working Days
Completion Date:
May 19, 1976

Final Data was sent to Helena on June 10, 1976.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix. Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Was Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
November 12, 1976

Work the past period consisted of working on culverts, crushing gravel and conducting grading operations. The contractor employed 29 men for 10-8 hour shifts. Project as a whole is 34% complete with 14% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 Engineers and 2 Inspectors engaged.

FF 214(8)
Signalizing of the intersections
of 11th Ave. and Sanders St., 11th
Ave. & Lamborn St., Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.0 Miles

Signal Electric Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mont. Tel. 442-9762
Contract Time: 60 Working Days

FF 214(8) Cont'd.
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Probable Completion Date:
August 3, 1976

Work the past period consisted of laying conduit at various intersections. Contractor employed 3 men for 4-8 hour shifts. Project as a whole is 15% complete with 25% of the contract time elapsed. Construction layout as a whole is 75% complete with 3 Engineers and 1 Inspector engaged.

SMP 2299-76 (State Optioned)
Crushing and Stockpiling of Material
Broadwater and Jefferson Counties
Contract Let: January 22, 1976
Bid Price: $47,200.00
Work Started: Feb. 13, 1976

Jim Gilman Excavating Inc.
Butte, Montana
Russell R. Yarnall, Div.
Lab Supervisor 2
Butte, Montana
Contract Time: 45 Working Days
Completion Date:
April 21, 1976

Final data was sent to Helena on June 14, 1976.

M 5805(1)
Signal Modification of various
intersection in the City of Helena
0.00 Miles
Lewis and Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mont. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
August 27, 1976

Preconstruction conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

Box 1110
Bozeman, Montana 59715

June 18, 1976

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two week period ending June 18, 1976. The first week was favorable for most construction activities but heavy showers over the weekend either slowed or halted construction activities throughout the Division.

P R E C O N S T R U C T I O N

F 9(6) Truck Escape Route
Virginia City - Ennis
Length - 0.530 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

RF 20 (4) US 191 Spur
Approximate Length - 6.7 Miles

William F. Nimmons, Field Project Mgr.
Phone: 587-0209 Bozeman
Estimated Date of Completion: 11-1-76

There was no survey work on this project during the past period.

RF 20 (5)
US 191 - Big Sky Spur
Length 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on this project during the past period.

F 60 (15)
Clyde Park - N & S

Roger E. Blossom, PE, Field Proj. Mgr.
Phone: 586-5074 Bozeman

A plan-in-hand inspection was held on June 17, 1976.

ROS 76 (10)
US 191 Gallatin Canyon Safety
Partial Survey for Future
Safety Upgrade

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

All information requested May 17, 1976 was transmitted to Helena on June 15, 1976.

I 90-7 (17) 350
Springdale - Big Timber
Length 13.477 Miles

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

One five man survey crew has been working in the field obtaining information requested May 18, 1976.

I 90-7 (18) 364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, Field Project Manager
Phone: 932-3272 Big Timber

The information requested by the Billings R/W Supervisor on May 21, 1976 will be obtained as men are available.

I 90-7 (21) 339
Springdale - West
Length 9.2 Miles

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-7 (40) 332
Snowfence
Approximate Length - 5.0 Miles

Engineer Unassigned

No field work has been requested to date.

U 203 ( ) Signals
Intersection Main & Third-Bozeman

Engineer Unassigned

This project is scheduled for the August 1976 letting.

F 244 (15)
Raynolds Pass - Ennis
Length - 11.0 Miles

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

With the exceptions of Items 5, 7, and 30, all information requested from the field in the plan-in-hand report has been submitted to Helena. The remaining information requested will be transmitted in the near future.

S 276 (1)
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, Field Project Manager
Phone: 932-3272 Big Timber
Estimated Date of Completion 5-1-77

There was no work on this location survey during the past period, and it remains approximately 39% complete.

HHS 370 (26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, Field Project Manager
Phone: 587-0209

All data requested has been transmitted to Helena.

RS 463 (1)
Springdale - Hunters Hot Springs
Length - Approximately 2.2 Miles
Preliminary Survey

William F. Nimmons, Field Project Manager
Phone: 587-0209 Bozeman
Estimated Date of Completion 3-30-77

The requested preliminary survey has not been started.

M 1201 (1)
North 19th - Bozeman
Approximate length - 0.4 Mile
Survey Started: 1-15-75

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202 (1)
Oak St. - Bozeman
Approximate Length - 0.8 Mile

Robert S. Ricketts, Field Project Manager
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212 (1)
Kagy Lane - Bozeman
Approximate Length - 1.1 Mile

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

The location survey authorized May 5, 1976 has not been started to date.

ROS 4144 (52)
Manhattan
Bridge End Protection (Statewide)

Engineer Unassigned

All requested information has been transmitted to Helena.

SRS 4148 (52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, Field Project Manager
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28 (14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

COP Construction Company
Billings, Montana
Ronald T. Hoyem, Field Project Manager
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date: 7-31-76

Progress has been fair with the contractor employing between six and eight men and working eight 8-hr. shifts. Crushing and stockpiling of the 1½" base course material has been completed and to date 4,500 tons of this material has been placed on the roadway. The contractor completed 1,600 cubic yards of unclassified excavation, bringing this item to 95% complete. Twenty-five hundred cubic yards of topsoil was placed bringing this item to 64% complete. Three hundred thirty-six cubic yards of Type B Random Riprap was placed, bringing this item to 57% complete. Fencing is also in progress between Station 460 and 490. A seven man engineering crew is currently assigned to this project which is 81% complete with 69% of the contract time elapsed. The contractor has 54 working days of contract time remaining.

RF 45 (13) Safety
Big Timber - North
Conc. Barrier Rail & Drainage
Length - 0.0 Miles
Contract Awarded: 3-31-76
Contract Amount: $21,838.00
Proceed Order Date: 4-22-76
Work Started: 5-3-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, Field Project Manager
Phone: 932-3272 Big Timber
Contract Time: 30 Working Days
Probable Completion Date: 6-15-76

During the past period, the contractor installed 430 L. Ft. of concrete barrier rail completing this item. Miscellaneous clean up work was performed on June 7, which essentially completed all contract items. However, a Change Order is being prepared for the installation of approximately 550 L. Ft. of perorated drain. As of June 5, the contractor had 5 working days of contract time remaining. A four-man engineering crew has been working on this project.

I 90-6 (30) 309, I 90-6 (36) 315 U-2
and I 90-7 (38) 318
Rocky Canyon Safety, Bozeman Pass-West
and Bozeman Pass-East(West Section)
Grade, Agg. Surf., Pl. Mix Base, Structures

Goodfellow Brothers, Inc.
Wenatchee, Washington
R. W. Saltzman, Field Project Manager
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days

Length: 7.0 Miles
Contract Awarded: May 28, 1976
Contract Amount: $9,845,689.09
Proceed Order Date: June 22, 1976
Work Not Started

Probable Completion Date:

Three five-man survey crews have been slopestaking for the removal and installation of culverts. At the present time the layout as a whole is 70% complete. The Pre-construction Conference for these projects has been scheduled for June 18, 1976. At the present time a seventeen man engineering crew is assigned to these projects.

I 90-6 (35) 304
Landscape Bozeman N & E Interchanges
Contract Awarded: 8-21-73
Contract Amount: $227,747.39
Proceed Order Date: 8-22-73
Work Started: 10-3-73

Papp Landscaping
Billings, Montana
Martin J. Kolence, Field Project Manager
Phone: 587-4186 Bozeman
Contract Time: 11-1-74
Completion Date: 8-4-75 (Conditional Accept.)
Probable Completion of Establishment Period: 6-15-76

The final estimate was submitted to the Division Office on May 14,1976. Two men are working on the Division Office checking of the final estimate and supporting data, which is now approximately 40% complete.

I 90-6 (36) 315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, Field Project Manager
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Probable Completion Date: 11-30-76

There was no work on this project during the past period, and it remains 81% complete with 42% of the contract time elapsed. The contractor has 107 working days of contract time remaining.

I 90-7 (36) 321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing & Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, Field Project Manager
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Progress has been fair with the contractor employing between 70 and 90 men, working double 8-hr. shifts with a rock wagon in the construction of the Frontage Road "C". The drill crew has been drilling double 8-hr. shifts and the scrappers have been working single shifts on the eastbound roadway between Stations 430 and 480. Culvert installation is in progress at various locations and fencing is in progress on the Park County frontage road. During the past two weeks, 4,800 cu. yds. of unclassified excavation was accomplished, bringing this item to 72% completion. Five hundred thirty-one square yards of pneumatically applied mortar was placed, completing this item. All irrigation structures on the project have now been completed. The contractor has also been forming for a curb on the eastbound structure at Station 505+75. A 19-man engineering crew is assigned to this project, which is now 49% complete with 24% of the contract time elapsed. The contractor has 193 working days of contract time remaining.

HHS 127 (12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. and Guard Rail (Safety)
Contract Awarded May 17, 1976
Contract Amount: $120,557.65
Proceed Order Date: June 7, 1976
Work Not Started

Bozeman Sand & Gravel
Bozeman, Montana
Ronald T. Hoyem, Field Project Manager
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Probable Completion Date: August 9, 1976

The Preconstruction Conference was held on June 3, 1976. The contractor intends to begin work around July 6, 1976.

M 1206 (2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded 5-3-76
Contract Amount $64,638.00
Proceed Order Date: May 24, 1976
Work Started: May 24, 1976

Midland Electric
Billings, Montana
Robert S. Ricketts, Field Project Manager
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Probable Completion Date: 7-9-76

Progress has been fair with the contractor employing three men and working 8-hr. shifts. During the past two weeks, 219 feet of 1½" steel conduit and 78 feet of 2" steel conduit were installed. This brings the 1½" conduit item to 37% complete and the 2" conduit item to 55% complete. Conduit installation at the intersection of Seventh and Mendenhall has been completed as has the installation of the conduit for the school flasher signs. Work is now in progress at the intersection of Willson and Babcock. Sub-contractors, Western Sign Company and Bozeman Sand and Gravel, plan to begin work on June 21. A two-man engineering crew is assigned to this project which is 10% complete with 30% of the contract time elapsed. The contractor has 33 working days of contract time remaining.

SMP 1699-75
Crushing and Stockpiling
Gallatin, Madison, Park & Sweet Grass Counties

Armstead Construction Company
Helena, Montana
William F. Nimmons, Field Project Manager
Phone: 587-0209 Bozeman

Contract Awarded: 11-20-75
Contract Amount: $82,875.00
Proceed Order Date: 12-11-75
Work Started: 12-26-75

Contract Time: 75 Working Days
Completion Date: 6-1-76

The Division Office checking of the final estimate has been completed and all data will be transmitted to Helena upon receipt of the pit reports.

Respectfully submitted,

Richard C. Holmes, PE
Supervisor-Division Construction Section

RCH:EJR:wb
cc: Gary A. Gilmore, PE, Division Traffic Engineer, Butte
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JUNE 18, 1976

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report Covering work accomplished in Division 3130 during the period June 5, 1976 thru June 18, 1976.

GENERAL

Weather has been clear to cloudy with rain and temperatures ranging from 55° to 65°, suspending some construction work for periods of time.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 30, 1976

Two men worked 9 days Preparing Design for Plan-in-hand. Project is 44% complete.

F 64 (15) - Great Falls East
Location Survey
Length: 9.537 miles
Design is not started

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: Unknown

Authorization to proceed with design has not been received.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length 26.5 miles
Design Started: January 12, 1976

F. Robinson - Mgr. FPU
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 31, 1976

No work during this period. Engineer crew assigned to other projects. The survey is 21% complete with 556 man-days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 30, 1976

Two men worked 15 days Computing Quantities and Plotting Construction Limits on White Prints. Design is 66% complete.

M 5201 (1) Part I - 6th St., Gt. Falls
Length: 0.4 miles - Cascade Co.
Design Started: September 26, 1972

Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Comp. Date: May 10, 1976

10th Ave. South to Station 40 + 65 The Final Prints were submitted to Helena on May 10, 1976. Project is now 100% complete.

M 5201 (1) Part II - 6th St., Gt. Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972

Wenzel & Co. Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Station 40 + 65 to 68 + 00 Written approval by FHWA on April 28, 1976, of the preliminary Plan-in-Hand report and notice to proceed with the final design was received on 4-29-76. Submitted signing plans for initial location of signs and pavement markings on 5-14-76. Proceeding with final design towards the final Plan-in-Hand. Project is 38% complete.

68 + 00 to Central Ave. West, Route Location Study Report No action has been taken since the Location Public Hearing, July 21, 1975. The Commission has stopped further study until completion of the update of the Great Falls Transportation Study. Study Report is 90% complete.

RS 348 (18) - 5 miles South of Fort Benton - South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976

G. Enderson, Mgr. - FPU
Great Falls, - Phone #453-2573
Comp. Date: June 11, 1976

No work on this project during this reporting period. All items are 100% complete with 245 man-days used to date. The design will begin when route is selected.

CONSTRUCTION

I 15-6(15) 297 U-1, Dutton - No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix, Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Const. Co.
Billings, Montana
T. Hammerbacker, Mgr. - FPU
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Prob. Comp. Date: July 15, 1976

Progress has been good, however, 4 days were lost to rain. Contractor worked 4-8 hour shifts, with 72 men employed, placed 26,723 ton 1½" B.C. Gr. 5A and 7,942 ton 1½" B.C. Gr. 5 A Hyd. Lime Treated, on mainline Sta. 440 to Sta. 497. Worked 3½-8 hour shifts placed 10,749 ton 3/4" Top Surf. Gr. 2 A mainline Sta. 560 to Sta. 700. Worked 3½-8 hour shifts placed 14,205 ton Plant Mix Bit. Base 1½" Gr. 1 mainline Sta. 510 to 560. Also crushing and stockpiling 1½" B.C. Gr. 5A.

Sub-contractor Sherrord Inc. worked 5-9 hour shifts, with 3 men employed, driving line posts & panel posts for fencing Sta. 520 to Sta. 590. Items and percent complete are: Base Course 1½" Gr. 5A; 91%, Top Surf. 3/4" Gr. 2A; 56%, Plant Mix Bit. Base 1½" Gr. 1; 71% and B.C. 1½" Gr. 5A (Hyd. Lime Tr.); 84%. The project as a whole is 72% complete with 66% of the contract time elapsed. Construction layout is 98% complete with an 17 man engineering crew engaged in layout, testing, inspection and office duties. Traffic is using East Frontage Road Sta. 427+27.1 to Sta. 666+98.9, 4.5 miles, which is in good travel condition.

I 15-6(14) 311 & I 15-7(11) 312
Pershing South and Brady - N. & S.
11.5 miles Gr., Agg. Surf., Pl. Mix Bit. Base, Pl. Mix Bit. Surf., Lengthen 2 Add Two Lane - Teton & Pondera Co.
Contract Awarded: June 5, 1975
Contract Amount: $3,754,385.95
Work Started: July 16, 1975

Hilde & Maronick Const. Co.(JV), Contr.
East Helena, Montana
S. Newton, Mgr. - FPU (Road)
K. Minehan, Mgr. - FPU (Structure)
Brady - Phone #753-2581
Comp. Time: 240 Working Days
Prob. Comp. Date: Nov. 15, 1976

Progress has been good, however, 2 days were lost to rain. Moving Uncl. Exc. Sta. 2050 to Sta. 2270. Producing and placing Plant Mix Base Surfacing and Plant Mix Type III. Items and percent complete are: Uncl. Exc.; 64%, Plant Mix Base 1½"; 33% and Plant Mix Bit. Surf. 3/4; 41%. The project as a whole is 50% complete with 44% of the contract time elapsed. Construction layout is 93% complete with a 3 man engineering crew engaged in inspection of materials. Traffic is being stopped for trucks crossing P.T.W. using flagpersons. Progress has been good on the structures. The contractor has been striping deck forms and erecting rail. The painter started painting rail at Sta. 1971.

I 15-6(20) 304 - Teton River - N. & S.(S.Sect.)
4.3 miles Grading, Surfacing and Structures
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started April 1, 1976

Hilde Maronick Const. Co.(JV) Contr.
East Helena, Montana
H. Strong & S. Newton, Mgr. - FPU (Road)
D. Harrison Bridge Insp. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: Nov. 15, 1976

Progress has been poor, too wet for major operation June 3rd thru June 14, 1976. Began moving Uncl. Exc. on June 14, 1976. Work consisted of removal of the south end of F-2 Frontage road so it can be finished and surfaces for the traffic. Items and percent complete are: Uncl. Exc.; 1%. The project as a whole is 3% complete with 4% of the cont ract time elapsed. Construction layout is 60% complete with a 10 man engineering crew engaged in grades, notes and layout. P.T.W. in good condition. Traffic detoured onto F-2 Frontage road. Sta. 910 to Sta. 923, 1300 feet detour. Progress has been good on the structures. The contractor has been pouring concrete on coffer dams. Piers No. 2 & 3 N.B. & S.B. are complete thru caps. Pier no. 4 N.B. complete thru Pier Shaft. Pier No. 4 S.B. crib ring is set. Pier No. 5 N.B. is complete thru Pier Shaft. Pier No. 5 S.B. complete thru the Pier Shaft with cap forms set. Started building work bridge for road contractor.

I 15-6(16) 308 - Teton River - N. & S.(N. Sect.) Hilde & Maronick Const. Co., (JV)Contr
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. East Helena, Montana
Base; Pl. Mix Bit. Surf.; Signing; H. Strong & S. Newton, Mgr. - FPU (Road)
Prestressed Conc. Girder Gr. Separation T. Tomich, Mgr. - FPU (Structure)
Teton County Brady - Phone #753-2581
Contract Awarded: July 28, 1975 Comp. Time: 180 Working Days
Contract Amount: $2,070,763.97 Roh. Comp. Date: Nov. 15, 1976
Work Started: September 9, 1975

Progress has been poor, with June 4th thru 8th and June 10th thru 14th being lost to rain. Contractor producing and placing Plant Mix Bit. Surfacing onto F-2 and F-3 Frontage Road. Items and percent complete are: Plant Mix; 30%. The project as a whole is 30% complete with 33% of the contract time elapsed. Construction layout is 70% complete with a 10 man engineering crew engaged in testing, inspection, layout and office duties. Traffic being detoured onto F-2 and F-3 Frontage road the length of the project as per the plans and special provisions.

I 15-7(16) 341 - Bullhead Rd. Inter. Meyer Const. Co., Contractor
0.940 mile, Gr., Aggr. Surf.; P.M.S. Billings, Montana
Signing and 284.5 Ft. Structure-Pondera Co. S. Newton - Mgr. - FPU (Road)
Contract Awarded: July 26, 1974 K. Minehan - Mgr. - FPU (Structure)
Contract Amount: $818,682.66 Bullhead Interchange - Phone #278-3551
Work Started: Sept. 30, 1974 Comp. Time: 160 Working Days
Comp. Date: April 12, 1976

All contract items were complete April 12, 1976 and Final Estimate was submitted to Division Office April 19, 1976. Final Estimate will be submitted to Helena on or about July 16, 1976.

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices and Guard Rail Revisions
Jefferson & Lewis & Clark County
P.S. & E. date 6-2-76 Walt Smith, Mngr.
Scheduled letting date June 29, 1976 Great Falls - Phone #453-2573

Anticipate Letting June 29, 1976. One man working up Signing and Guardrail notes. Layout is 0% complete.

RS 91(6) & RS 329(6) Baltrusch Const. Co., Contr.
Stockett - Gt. Falls Road and Havre, Montana
Gt. Falls - Eden Road F. Robinson, Mgr. - FPU
18.3 miles Plant Mix Overlay Great Falls - Phone #453-2573
Cascade County Comp. Time: 90 Working Days
Contract Amount: $698,004.00 Comp. Date: May 6, 1976
Contract Awarded: July 19, 1974
Work Started: September 18, 1974

Final Estimate submitted to Division Office on June 16, 1976, and will be submitted to Helena Office on or about July 30, 1976.

U 395 (11) Inter. 4th Ave.So.-14th & 15th Sts. Cascade Electric Company, Contr.
0.00 miles Signals and Signing Great Falls, Montana
Cascade County F. Robinson, Mgr. FPU
Contract Awarded: July 25, 1975 Great Falls - Phone #453-2573
Contract Amount: $54,320.50 Comp. Time: 45 Working Days
Work Started: Oct. 7, 1975 Comp. Date: April 12, 1976

All work complete and Final was turned into Division Office April 26, 1976 and will be submitted to Helena on or about July 2, 1976.

RS - 434 (3)
Conrad - West
Pondera County Glen Enderson, Mgr. FPU
2.3 miles of Grading, Gravelling & Surfacing P.O. Box 1301
P.S. & E. Date: June 2, 1976 Conrad, Montana
Scheduled Letting Date: June 29, 1976

Five man engineering crew engaged in running Centerline, Referencing Control Points and Staking R/W throughout Project. Layout is 25% complete.

SMP 2599-76 James Kraus Contractor
Stockpile Gravel Various Roads Great Falls, Montana
Cascade, Lewis & Clark & Teton Co. Dale Moore - Mgr. - FPU
Contract Awarded: Jan. 23, 1976 Great Falls - Phone #453-2573
Contract Amount: $113,775.00 Comp. Time: 75 Working Days
Work Started: March 16, 1976 Prob. Comp. Date: June 25, 1976

Progress has been poor, due to heavy rain showers. James Kraus Contractor completed the crushing and stockpiling of the ½" type A Gr. 4 T.C.S. May 28, 1976. Contractor started the seeding of the gravel pits June 14th, and plans to complete the seeding of the pits June 18, 1976. Gravel pits that are seeded are: Pit No. 0710-56, 2550-37, and 2550-51. Reclaimation of Pit No. 5030-39 was completed June 16, 1976. Items and percent complete are: Haul Aggregate; 100%, Stkpl. Top Surf. ½" Gr. 4A; 100% and Stkpl. Top Surf. ½" Gr. 4A; 100%. The project as a whole is 95% complete with 55% of the contract time elapsed, with a 4 man engineering crew engaged in testing, weighing of material and Final Estimate.

Department of Highways

June 18, 1976

OS 7(1) - Hound Creek Bridge
Off System Cascade County
Contract Awarded: March 29, 1976
Contract Amount: $119,726.00

Frontier Construction Co., Contr.
Missoula, Montana
T. Tomich, Mgr. - FPU
Great Falls - Phone #453-0422
Prob. Date Comp.: Sept. 30, 1976

The Contractor began work June 10, 1976. Construction layout is 90% complete.

for — James T. Sullivan - P.E. -
Supvr. - Div. Const. Section

JTS/MRB/ac

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

June 18, 1976

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending June 18, 1976.

G E N E R A L

The weather this past reporting period has been good with some rain showers. The temperatures have ranged from +36° to +75°.

P R E C O N S T R U C T I O N

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 mandays used to date.

S-RS 68 (7)
Winifred Bridge
Secondary 236
Location Survey

George L. Nelson, Fld. Proj. Mgr.
Malta, Montana
Telephone No. 654-1391

No work on this project during this reporting period. Survey crew is presently working on Project RS-12 (19).

HHS-95 (19)
U.S. #2 East of Havre
0.3 miles, Hill County

Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821

One man worked four days plotting template, and computing excavation quantities. Design as a whole is 30% complete with 15 mandays used to date.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during this reporting period. Design as a whole remains 50% complete.

RS-357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

CONSTRUCTION

RS-12 (19) Harlem-Turner-
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract let: 6/10/76
Contract Amount: $811,910.99
Work Not Started

Gus M. Albert,
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Malta, Montana
Telephone No. 654-1391
Contract Time: 140 working days
Probable Completion Date: 6/10/77

Four engineering personnel worked ten 8 hr. shifts this last reporting period. Status of construction layout to date is as follows: Centerline ran from 1283+90.5 to 1648+69.6 for 100% complete. R/W breaks referenced Sta. 1283+90.5 to 1622+88.8 for 93% complete. R/W line ran Sta. 1283+90.5 to 1497+58.8 and 1576+92.5 to 1622+88.8 for 71% complete. Bench levels ran Sta. 1283+90.5 to 1497+58.5 for 59% complete. Reset centerline Sta. 1343+00 to 1428+00 due to county blading road. Construction layout as a whole is 37% complete.

U-95 (17) Gildford-Havre-East
U.S. #2 - Havre, Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co. &
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been slow because of rain. The prime contractor worked six 8 hr. shifts with up to 50 men employed. Unclassified excavation is 98% complete. 2,000 Cu. Yds. of street Exc. was moved making this item 34% complete. 1,300 tons of 1½" crushed base course was placed on the roadway making this item 30% complete. 3/4" top surface, tack SS-1 and blotter material was placed from Sta. 490+55 to 493+75 making each of these items 14% complete. Lift 1 of 2 3/4" type 3 plant mix was placed from Sta. 487+51 to 492+88 making this item 7% complete to date. 900 Lin. Ft. of curb was placed making this item 14% complete. 24 Cu. Yds. of Class DD concrete was placed at the basement retaining wall sites

making this item as a whole 75% complete. Since the last reporting period, the subcontractor, Lockrem Construction Co. has installed 130' of arch culvert in the Bullhook Channel Sta. 553+40. This item is 55% complete. The drainage structures on the project are 48% complete. The project as a whole is 25% complete with 23% of the contract time elapsed. An 8 man engineering crew is assigned to inspection and layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 9/15/76

Progress has been poor due to inclement weather. The contractor worked one 9 hr. shift excavating and placing approx. 6200 Cu. Yds. of Uncl. Exc. for a total of 261,200 Cu. Yds. to date. Making this item 61% complete. All other items remain the same as last reporting period. The project as a whole remains 36% complete with 63% of the contract time elapsed. A 5-7 man engineering crew is inspecting contractors operation, checking notes and misc. surveying.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mi. grade, aggr. surf.
Pl. mix bit. surf., pl. mix bit.
Surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co. &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress this reporting period has been poor, five days were lost due to rain. Subcontractor Utility Builders worked six 8 hr. shifts with 7 to 10 men employed installing storm drain. This item is 85% complete. Subcontractor Meyer Construction Company worked five 9 Hr. shifts with a 4 to 30 men employed. 5,500 Cu. Yds. Unclassified Excavation for a total of 74,000 Cu. Yds. or 28% complete. Drainage items are 50% complete. The project as a whole is 35% complete with 18% of the contract time elapsed.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South &
Sunburst South & Sunburst
Canadian Line
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf., structures, safety
Correction & pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28
Work Not Started

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (JV)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

Slope stakes were set from 1430+50 to 1443+50 and 1490+00 to 1555+00 making mainline staked 19% complete. Slope staking as a whole is 11% complete. The Burlington Northern Railroad

and bridge ends are tied and set, making structure layout 0% complete. Staking of all centerlines remains 85% complete. Grades computed remain 70% complete, Bench levels run remains 100% complete. A 3 to 11 man crew worked two and one-half 8 hr. shifts consuming 20 mandays for a total of 152 mandays used to date.
Northern Telephone Co-op did not work this reporting period. Their line revisions remain 60% complete. Marias River Electric worked two 8 hr. shifts employing 4 men. The poles were set at the McVey Interchange and Lt. 1690+00 to 1704+. Line revisions is approximately 45% complete.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co., Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 9/31/76

Progress for the past two weeks has been good. One day lost due to rain. The contractor worked two 9 hr. shifts per day on Embankment and Gravel operations and one 9 hr. shift per day on culverts. Excavated and placed 58,000 Cu. Yds. of Unclass. Excavation between Sta. 124+00 and 562+00. Finishing the roadway to blue tops throughout the project. 2,074,400 Cu. Yds. moved to date, or approximately 95% complete. Installed the following culverts: 160 Lin. Ft. of 15" relay pipe for the Temp.Conn. on the north end of project and 66 Lin. Ft. of 24" CSP at Sta. 331+79, Right Frontage road. Culverts as a whole are 85% complete. Started producing surfacing from Pit Lab No. 321876-80 and 448556-58 on June 3, 1976. Produced and placed 18,000 tons of 1½ CBS, 3900 tons of 3/4" CTS type A and 14000 tons of 3/4" CTS type B on the Frontage roads throughout the project. Started producing and placing type III plant mix on June 15th. The contractor is producing the material at Brady, and is hauling to this project. 1500 tons produced to date. The surfacing as a whole is 46% complete. Nine men are inspecting the contractors operations and a 3 to 5 man engineering crew bluetopping the subgrade. The project as a whole is 67% complete with 55% of the contract time elapsed.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. Girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Probable Completion date: 7/1/76

Progress has been good this past reporting period. The contractor has worked ten 8 hr. shifts with up to 8 men employed. On the structures at Sta. 540+00 the contractor has been forming the curbs on both structures and is presently rigging up scaffolding to start stripping the decks. On the structure at Sta.142+00 the contractor has been stripping and finishing the superstructure throughout. The project as a whole is 94% complete with 50% of the contract time elapsed. A 2 to 3 man engineering crew is engaged in project inspection on this and other projects.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' Prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Probable Completion Date: 7/31/76.

Progress has been good this past reporting period. On the structures the prime contractor worked nine 8 hr. shifts with up to 19 men employed. The South bound superstructure is completely formed, all diaphragms and both end bents have been poured on same. Spans 4 and 5 South bound have all the re-steel in place and are ready to pour as soon as weather permits. The re-steel for Spans 1, 2, and 3 South bound is presently being placed and tied. The contractor has started forming the deck and diaphragms in span No. 5 North bound. The sub-contractor, Hilde Construction Company, worked three 9 hr. shifts with up to 20 men employed. Unclassified Borrow was hauled from Lt. Sta. 237+ and placed between Sta. 248 and 267 which makes this item 95% complete. The project as a whole is 81% complete with 63% of the contract time elapsed. A 2 to 3 man engineering crew is engaged in project inspection and construction layout on this and other projects.

I-15-8 (30) 351
Shelby, Westside-North
2.844 miles, Toole County
Safety Shld'r. widening
Reset Guardrail and
Impact Attenuators
Contract Let: 6/9/75
Contract Amount: $217,975.40
Work Started: 10/29/75

Apex Construction, Inc.
Spokane, Washington
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 110 working days
Completed: 6/4/76

The project was completed on June 4, 1976. Two men are working on the final estimate which is 90% complete.

M5708 (1) & RS 70 (10)
Havre-South (North Section)
Hill County
1.23 miles, grade, aggr. surf.
pl. mix bit. surf., signing
and installation of Flasher
Contract Let: 1/15/75
Contract Amount: $899,539.01
Work Started: 2/21/75

Baltrusch Construction Co., Inc.
& Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 130 working days
Completion Date: 5/20/76

The project was completed May 20, 1976. A one man engineering crew is working on the Final Estimate. Estimated date of submittal to Division office is 7/15/76.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structure & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert W. Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/15/76

Sletten Construction Co. is working 5 to 6 days per week, 16 hours per day with 12 men

ERFO 72 (12) Babb North (Continued)
to Kennedy Cr.

employed. Work consisted of pouring Bent No. 1 and excavating the channel in preparation for riprap placement. The subcontractor, Kraus Construction Co., is working 8 to 10 hour shifts five days per week with 8 men employed. The detour is complete except for road mix. 95% of the gravel has been crushed and stockpiled for the roadway. The project as a whole is 32% complete with 24% of the contract time elapsed. A one to two man engineering crew is engaged in construction supervision.

SMP-0899-76
Chouteau, Glacier
and Hill Counties
Crushing & Stockpile
Contract Let: 1/23/76
Work Started: 3/31/76

Francis M. Tindall
Lewistown, Montana
William J. Neely, Lab. Supr. III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Probable Completion Date: 7/2/76

Progress has been poor due to rain. The contractor worked two days in Pit No. 3220-2130-30 in Hill County with 6 men employed. 3/4" cover material is 74% complete ½" crushed top surfacing is 78% complete. The project as a whole is 81% complete with 87% of the contract time elapsed. A two man engineering crew is engaged in weighing and testing gravel.

Respectfully submitted,

H. D. Flickinger, P.E. Supervisor
Division Construction Section - Havre

HDF/LDN/mh

DIVISION OFFICE
GLENDIVE, MONTANA
JUNE 17, 1976

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending June 15, 1976.

GENERAL

Progress throughout the Division was fair. The weather was mostly fair with temperatures ranging from +45° to +95°. Two days were lost due to rains.

PRECONSTRUCTION

F-RF-245(12), SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

During the past period no work done on this project. Flyline, centerline, bench levels and cross-sections are 100% complete. Plotting Plan and Profile are 99% complete, irrigation and drainage items are 99% complete, and section ties are 99% complete. This survey remains 99% complete with 781 mandays used to date.

RF-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 mandays used.

S-359(6), MARSH-GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - Dec. 1, 1976

Seven mandays were used during the past period tracing the hardshell on linens. Design is 4% complete with 13 mandays used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174 TERRY-FALLON Safety
Length - 13.2 Miles
Grade, Aggr. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
H.D. Kelly, Fld. Proj. Mgr. -- Roadway
C.H. Neiffer, Fld. Proj. Mgr. -- Struct.
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

I-IG-94-5(14)181 Continued....
Progress this past period has been fair. Prime Contractor, Joe Mayo & Son, Inc., employed 33 men for eight 9-hour shifts excavating and placing 128,516 Cu. Yds. of Unclassified Excavation making this item 24% complete, installing 160 feet of 48 In. C.S.P. drain making this item 21% complete, 570 feet of 6 In. C.S.P. underdrain making this item 83% complete and 168 Cu. Yds. of Filter Material making this item 28% complete. Also employed 24 men for three 9-hour and one 4-hour shifts crushing and hauling 11,236 Tons of 1½" C.B.C. Grade 5 to Old U.S. 10, making the 1½" C.B.C. Base Course 3% complete. Swan and Son, Fencing Sub-Contractor, has suspended operations on the project with the fencing items 56% complete. Sub-Contractor, Steel Structures Inc., employed 6 men for three 8-hour shifts erecting 392 feet of 60 In. S.S.P.P. drain making this item 100% complete. Structure Sub-Contractor, Swingen Construction, employed 16 men for nine 8-hour shifts placing 58 Cu. Yds. of Class AD concrete in the columns of Bents 2, 3, and 4 and the cap for Bent No. 2 on the Fallon Interchange. Also excavated for footing and drove steel bearing piles for Abutments No. 1 and 2 on bridge over Buffalo Rapids Canal. Project as a whole is 10% complete with 35 working days or 13% of the contract time elapsed. Construction layout is 85% complete with 11 engineers and 3 inspectors employed this past period.

I-94-5(15)183 UNIT 1
FALLON-DAWSON COUNTY LINE
Length - 0.221 Miles
Bridge Substructure and Approaches
Contract Awarded - July 29, 1974
Amount of Contract - $2,167,615.36
Work Started - August 7, 1974

Sletten Construction Co.
P.O. Box 2467, Great Falls, Montana
H.D. Kelly, Fld. Proj. Mgr., App's.
A.J. Kuntz, Fld. Proj. Mgr., Substr.
Glendive, Montana - Phone 365-5296
Contract Time - 300 Working Days
Comp. Date - April 21, 1976

All work was completed on this project April 21, 1976. Final estimate supporting data for bridge portion of contract has been turned into the Division Office where final checking is 90% complete. Final estimate supporting data for grading portion remains 75% complete. Notes have been submitted to Helena for computations.

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount of Contract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A.J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 1, 1976

Progress during the past period has been poor. Ten 8-hour shifts were worked with up to 15 men employed. 2,413,708 Lbs. of structural steel has been delivered and is being stored at the railway sideing or 43%. A brake failure occurred during the final pinning of the south tower, to be used for steel erection. The tower was totally destroyed when it hit the ground. A new tower was located and is presently being delivered to project and assembly started. Anchor bolt holes are presently being cored. Project as a whole remains 3% complete with 0 working days used or 0% of the contract time elapsed. Construction layout with one engineer assigned is 26% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker Inc.
1831 Main, Billings, Montana 59101
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - October 15, 1976

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44 Plant Establishment Period ending September 1, 1976. The contractor has advised the remaining plants for replacement are on order with no delivery date known. The project remains 99% complete with 100% of the contract time elapsed. The final notes and white prints have been checked in Division Office.

I-94-6(23)202, GLENDIVE-WEST
I-94-6(28)209, GLENDIVE-EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, North Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr., Rdwy.
Ken Quale, Fld. Proj. Mgr., Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - October 31, 1976

Progress this past period was fair. Prime Contractor Joe Mayo & Sons employed from 10 to 57 men working five 9-hour shifts and one 8-hour shift producing and placing 428 Ton of 1½" C.B.C. for a total to date of 147,300 Ton or 47% complete, 209 Ton of 3/4" C.T.S. Type "B" Grade 3 for a total to date of 9,564 Ton or 45% complete, 2,121 Ton of 3/4" C.T.S. Type "A" Grade 2 for a total to date of 2,121 Ton or 37% complete, 16,847 Ton of 1½" Plant Mix Base Grade 1 for a total to date of 40,291 Ton or 50% complete. Sub-Contractor F.L. Flynn & Co. worked nine 8-hour shifts with a total of 13 men employed. Work consisted of placing sand gravel cushion slope protection (Rt.) E.B.L. (Whoopup Creek Interchange) for a total to date of 20 Cu. Yds. or 26% complete. Forming work in progress for backwall, on Bent No. 1. Deck slab and diaphrams on spans 1 and 2 (Whoopup Creek Interchange). Erected and painted steel bridge rail Type 5 on eastbound Vehicular Underpass for a total to date of 181.33 Lin. Ft. or 12% complete. Other structural quantities remain: 45 Ft. Type 4 Prestress Beams - 50% complete; 105 Ft. Type 4 Prestress Beams - 75% complete; Class "AD" Concrete - 41% complete; Structure excavation type 1 - 75% complete; and reinforcing steel 32% complete. Sub-Contractor Western Sign Co. employed 6 men working six 9-hour shifts, three 10-hour shifts, and two 8-hour shifts on removal and erection of signs and delineators throughout project I-94-6(28)209 making all items of this project 100% complete other than culvert grates, which have not yet been received by contractor. The contract as a whole is 55% complete with 108 calendar days or 45% of the contract time elapsed. Construction layout with 7 to 12 men employed is estimated at 81% complete.

RF-245(27), GLENDIVE-SIDNEY, SAVAGE-SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - January 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Prob. Comp. Date - June 30, 1976

All major items are 100% complete. Final acceptance will be made at a later date.

RF-246(21)
LINDSAY-NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1976

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Prob. Comp. Date - October 1, 1976

Progress this past period has been fair. Prime Contractor Gus Albert worked six 9-hour shifts and one 4-hour shift crushing and placing 28,000 Tons of 1½" C.B.C. Type A Grade 5. A total of 18 men were employed. Sub-Contractor Rehbein Construction Co. worked six 10-hour shifts and one 8-hour shift installing 293 Lm. Ft. of culverts making the drainage items as a whole 61% complete. Hauling and placing 172,738 Cu. Yds. unclassified excavation for a total to date of 383,319 Cu. Yds. or 88% complete. A total of 18 men were employed. Sub-Contractor Swan & Sons worked six 8-hour shifts placing 13 Cu. Yds. of Class DD concrete for cutoff walls and edge protection. A total of 4 men were employed. The project as a whole is 44% complete with 120 or 224 calendar days or 53% of the contract time elapsed. The construction layout with 11 men engaged is 90% complete.

RF-391(16) LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum. Surf. & Seal & Cover
Contract Awarded - May 3, 1976
Amount of Contract — $1,767,363.50
Work Started - June 7, 1976

Earth Builders Inc.
Box 838, Bismarck, No. Dak.
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date - October 30, 1976

Twelve men on crushing crew began producing and stockpiling grade C plant mix aggregate out of pit Lab. No. 4641816-26 on a double shift basis on June 7, 1976. 13,000 Tons or 11% of the material produced to date. Progress has been poor due to equipment breakdown and continual adjustment of the crushing plant in an attempt to produce a uniform product. The material produced to date has not been uniform enough to consider submittal for a mix design. The project as a whole is 2% complete with 16 days or 15% of the contract time elapsed. A six-man engineering and inspection crew is assigned to the project. The construction layout is estimated to be 13% complete with centerline re-established on the east 10 miles of the project and control points for centerline located on the west 10 miles.

RS-128(12), WIBAUX COUNTY LINE-NORTH
Length - 5.722 Miles
Grade, Aggr., Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Not Yet Started

Neshem-Peterson Inc.
Box 68, Berthold, No. Dak. 58718
James Baldwin, Field Project Manager
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

No progress on project to date. Order to contractor to proceed on the project dated June 7, 1976. 7 days or 1% of the contract time elapsed. No work on construction layout by five man engineering crew this past period because of work required on another project. The construction layout remains at 55% complete, with centerline, R/W line, and referencing 100% complete. Slope and small drainage structure staking is 60% complete.

RS-128(14), 9 MI. NORTH OF WIBAUX-NORTH
Length - 4.5 Miles
Grade, Aggr., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson Inc.
Box 68, Berthold, No. Dak. 58718
Dennis C. Tenney, Field Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - July 31, 1976

Progress this past period has been fair. Prime Contractor, Neshem-Peterson Inc., worked seven 9-hour shifts hauling and placing 83,889 Cu. Yds. Unclassified Excavation for a total to date of 271,647 Cu. Yds. or 52% complete. A total of 24 men employed. Culvert subcontractor, Sherrodd Inc., worked six 9-hour shifts and one 10-hour shift installing 300 Lm. Ft. of C.S.P. making the minor drainage items as a whole 59% complete. Also removed structure at 568+50 making this item 100% complete. A total of 3 men employed. Sub-Contractor, Steel Structure, worked four 8-hour shifts erecting S.P.P.C. at Station 692±. A total of 6 men employed. Surface Sub-Contractor, Earth Builders Inc., completed clean-up of gravel pit area on June 4, 1976. A total of one man employed. The project as a whole is 39% complete with 129 of 152 calendar days or 85% of the contract time elapsed. The construction layout with 3 to 4 men engaged is estimated 86% complete.

RS-302(23) TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf. Plant Mix Bitum. Base,
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

RS-302(23) Continued....
Progress this past period has been poor. Fencing Sub-Contractor, Swan & Son Inc., worked eight 8-hour shifts employing from 7 to 12 men erecting 1368 Rods of farm fence--antelope making this item 98% complete, 626 Rods of farm fence--Type F4W making this item 98% complete, 84 single panels making this item 98% complete, 15 corner panels making this item 79% complete, and 352 Ft. of G-2 farm gates making this item 98% complete. Fencing contractor has moved off of the project until the fencing items can be completed. Prime Contractor Joe Mayo & Son has indicated that he would begin dirt operations about August 15, 1976. Project as a whole is 5% complete with 36 working days or 20% of the contract time elapsed. Construction layout remains 80% complete with 1 to 2 engineers employed part time.

RS-347(17), ALZADA-EKALAKA
Length - 4.3 Miles
Grade, Aggr., Surf., Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dak. 58220
B.F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Prob. Comp. Date - September 30, 1976

Progress this past period has been fair. Contractor Joe Mayo & Son Inc., employed 16 to 26 men working three 9-hour shifts. Work consisted of finishing unclassified excavation making a total to date of 150,314 Cu. Yds. or 100% complete. Drainage items remain 99% complete. Replaced 7,711 Cu. Yds. of topsoil making a total to date of 22,711 Cu. Yds. or 100% complete. Crusher worked eight 9-hour shifts producing and stockpiling an estimated 9850 Tons of 1" C.B.C. Plant Mix Base Material. Eight 9-hour shifts with six gravel trucks hauling stockpiled material to hot plant site. The project as a whole is 35% complete with 34 calendar days or 26% of contract time elapsed. Construction layout with 6 to 8 men employed is estimated 86% complete.

Respectfully,

Bruce Russell, Supervisor -
Division Construction Section

BR:mu

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
June 18, 1976

Department of Highways
Helena, Montana

PROGRESS REPORT
Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending June 18, 1976.

GENERAL

The weather has varied from cool to hot with large amounts of precipitation this past period. Progress on design was fair. Progress on road and bridge construction has been fair. Off system roads and signing projects are progressing slowly. The temperatures ranged from a low of 54 to a high of 96 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj.Mgr.
Culbertson, Montana
787-5701
Est. Compl.Date--03-31-77

Centerline and bench levels remain at 60% complete, section ties at 15%. Field work on project suspended until the end of the current construction season. Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Est.Compl.Date--07-15-76

No work accomplished on project the past period. Cross sectioning remains 12% complete and mainline topography is 75% complete. Centerline, bench levels and utility topography are 100% complete. Survey is 48% complete or the mile equivalent of 3.8 miles. A total of 202 man days have been used to date on location survey. Milar detail map is 75% complete.

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Act.Compl.Date--04-02-76(Location)
Est.Compl.Date--07-15-76(Design)

RS 257 (5), Tampico-Glasgow(Continued)

Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel and these are presently being obtained. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. Fourteen man days were used on design; plotting template on cross sections, summation of quantities, earthwork tabulations and culvert design. A total of eighty-three man days have been used to date on design which is 25% complete.

CONSTRUCTION

S 8 (18), Opheim-East
11.735 Miles in Length
GR.,AGG.SURF.,PL.MIX BIT.BASE &SIGNING
Contract Let--10-25-73
Contract Awarded--10-26-73
Work Started--04-24-74
Proceed Order Date--04-16-74
Bid Price--$848,538.65

Zook Brothers Construction Company
Great Falls, Montana
George L. Nelson, Field Proj.Mgr.
Opheim, Montana
762-3292
Calendar Days--270+69
Actual Compl.Date--08-16-75
(254 Cal.Days)

Project is 100% complete. Final estimate being held in Division Office until additional data is furnished by contractor for change order documentation.

RS 15 (17) & RS 202 (6),
Poplar-North and Brockton-North
Contract Let--5-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--
Bid Price--$342,345.22

Earth Builders, Inc.
Bismark, North Dakota
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob.Compl.Date--08-31-76

Preconstruction conference was held on May 28, 1976. Contractor plans to begin work between July 15th and August 1st. Project is 0% complete with 7% of the contract time elapsed.

RS 98 (7), Wolf Point-North & East Loop
(West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Prob.Compl.Date--06-30-76

RS 98 (7), Wolf Point-North & East Loop
(West Section) (Continued)

Work this past period consisted of applying 119 tons of CRS-2 emulsified asphalt for a total to date of 119 tons or 49% complete. 1317 tons of $\frac{1}{2}$" cover material was applied for a total to date of 1317 tons or 49% complete. Project is 83% complete with 66% of the contract time elapsed. Eighteen contractor employees worked three various length shifts. two engineering personnel are engaged on the project.

RF 153 (12), U-1. Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF., & STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const.,Inc.& Affiliates
Havre, Montana
George L. Nelson Field Proj.Mgr.
Malta, Montana
654-1391
Working Days--120
Prob. Compl.Date--07-10-76

Contractor. Baltrusch Const. Co. Inc. and Bozeman Sand & Gravel employed a combined work force of 5 to 10 men on 10-8 hour shifts this past period. Major work consisted of unclassified excavation on Connection to PTW, Sta. 392+64.4 to 393+64.4 and Connection to PTW, Sta. 14+68.9 to Sta. 15+50. Progress has been slow due to non-arrival of adequate equipment to perform the work. Hauled borrow excavation and backfilled bridge removal at Sta. 14+27.4. Grading items are 20% complete, drainage items are 78% complete, surfacing items are 1% complete and the structure is 100% complete. The project as a whole is 57% complete with 63% of the contract time elapsed. One to two engineering personnel are assigned to the project.

RF 193 (23) U-1, Froid-North and RS 206 (3),
Homestead East and West
15.16 Miles in Length
GR.AGG.SURF.,PL.MIX.BITUM.SURF.,SIGNING & PL.
MIX BITUM. OVERLAY
Contract Let--04-24-74
Contract Awarded--04-26-74
Proceed Order Date--05-22-74
Work Started --07-01-74
Bid Price--$1,561,581.00

Meyer Construction Company
Billings, Montana
James E. Baldwin, Field Proj.Mgr.
Culbertson, Montana
787-5701
Calendar Days--330+40
Act. Compl.Date--05-21-76
(322 Working Days)

All work on project completed on May 21, 1976. One man working on final estimate in conjunction with supervision of two other projects. The final is 97% complete and should be submitted to the division office on June 25.

RF 240 (13)
Lighting on U.S.2 East-Wolf Point
0.53 Miles in Length
Contract Let 6-10-76
Contract Awarded 6-15-76
Proceed Order Date--
Work Started--
Bid Price $36,696.00

Midland Electric Co.,Inc.
Billings, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--45 (See Special Provisions)

No progress to date.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT. BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj.Mgr.
Malta, Montana
654-1391
Working Days--150
Prob. Compl.Date 6-30-76

Contractor worked 5 days this past period with 22 to 23 men employed. Work consisted of seal and cover operations. The only remaining work consists of brooming cover material, pavement striping, and seeding gravel pit area. The project as a whole is 98% complete with 89% of the contract time elapsed. One to three engineering employees are assigned to the project on inspection and working on final quantities.

SMP 4399-75, Maintenance Stockpiles
McCone, Richland, Roosevelt, & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded--12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.000

Francis Tindall, Construction
Lewistown, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--95
Prob.Compl.Date--06-25-76

Pit #5330-35, Valley County and Pits #4310-28 and #4340-57, Roosevelt County and Pit #4240-50, Richland County are 100% complete. Produced and stockpiled 4900 tons of 1/2" Type A Grade 4 crushed top surfacing in Pit #2850-43, McCone County making this pit 41% complete. 58,900 tons have been crushed and stockpiled to date or 89% complete, with 89% of the contract time elapsed. Seven contractor employees worked 6 nine hour shifts. Two to three engineering personnel are engaged on the project.

Respectfully submitted,

For Vernon D. Borden, P.E.
Supr.-Div. Const.Section

VDB:BH:cc

cc: Field Project Managers
Don Williams
File

DEPARTMENT OF HIGHWAYS
Billings, Montana

June 18, 1976

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending June 18, 1976.

GENERAL

Temperatures ranging from +44 to +70 degrees prevailed during this reporting period. A large amount of precipitation was received throughout this area. Fair progress has been reported on the construction projects.

PRECONSTRUCTION

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

Two employees worked on this project during the last reporting period plotting construction limits on the R/W white prints and changing topography notes on the linen plan and profile sheets. Linens will be submitted to Helena for printing of Plans for the Design Public Hearing. The survey is incomplete until additional information has been received on section corners. Design work is 21% complete.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16-76
Work Started 2-2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 12-15-76

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31-79

Two employees worked on the project. Grades have been reviewed and drainage structures are being revised as recommended by the Hydraulics Unit. All changes made at the Plan-In-Hand review are being made to the plan and cross sections. Design work is 50% complete.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12-10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 7-15-76

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 242(4) Rosebud South (North Section)
8.100 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31-76

Three employees worked on this project during the last reporting period checking and inking cross sections. A review of drainage locations has been requested from Helena. Design work is 11% complete.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design data was submitted to Helena, August of 1975 for printing of Plan-In-Hand prints. Design work is 50% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 8-1-76

No work accomplished by the field engineering crew during the past two weeks. All personnel assigned to construction project RF-FLH 334(25). The survey is 44% complete.

CONSTRUCTION

I-IG 90-8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractors
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322-5952
Contract Time: 260 Working Days
Probable Completion Date 9-30-76

The subcontractor, Sletten Construction Company worked nine 8-hour shifts and employed an average of ten men per shift. Reinforcing steel and concrete was placed for the curbs and end posts. All deck forms have been removed from the interior bays of all spans and all the diaphragms have been finished. The subcontractor plans to strip and finish overhangs, erect and paint bridge rail and apply protective coat during the next two weeks. Structures are 97% complete.

Structure layout is 100% complete. A three man engineering crew has been engaged in inspection, structure layout and checking notes. Empire Sand and Gravel Company Inc., subcontractor on the subject project, is crushing 1½" Base Course. The subcontractor hauled 71,145 tons of 1½" Base Course to the roadway for a total to date of 119,745 tons. Surfacing items are 32% complete. The subcontractor is working one 10-hour shift per day with fifteen men employed. Frank Gurney, Inc., subcontractor on the subject project, is working one 8-hour shift per day with three men employed. They are removing and installing guardrail. Guardrail items are 23% complete. Clark Brothers, Contractors are working one 8-hour shift per day with fifteen men employed. The contractor is flattening slopes and doing clean up work. Grading items are 99% complete. Drainage items are 95% complete. Fencing items are 53% complete. Construction layout is 90% complete. An eight man engineering crew has been inspecting construction, bluetopping, computing quantities and checking notes. The project is 84% complete with 45% of the contract time elapsed.

I 90-9(28)509 Ul Garryowen N. & S.
8.1 Miles of Grading Agg.
Surf., Pl. Mix Surf., Fencing
Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire
Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 10-30-76

The only work done on this project for this newsletter period was foundation post for signs poured on the safety portion of this contract which is project I 90-9(34)491. There has been 47% of the contract time elapsed or 150 working days used. The contract as a whole is 36% complete. A four man engineering crew have been staking wooden post signs on I 90-9(28)509 and I 90-9(34)391 and one man inspecting the foundation pours. Also replacing subgrade blue tops on I 90-9(28)509 Unit 1 and doing related office work. Contractor is moving back on project June 15.

I 90-9(28)509 Unit 2
Structures on Garryowen
North and South
0.030 Mile in Big Horn Co.
Contract Let 8-15-74
Amount of Contract - $638,451.76
Work Started 10-16-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 170 Working Days
Completion Date 5-11-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 95% complete. No man days have been charged to the project this newsletter period.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles-Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Not Started

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 9-1-76

The contractor as of yet has not moved in on this project. No work is being done on this project by the engineering crew. There has been 24% of the contract time elapsed or 29 days used.

I 94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 350 Calendar Days
Probable Completion Date 7-15-76

Poor progress. The contractor worked ten 9-hour shifts closing gaps in the CW fence around detours, haul roads and structure ends throughout the project. Four men were employed. The grading is 99% complete. Fencing is 92% complete. Seeding is 99% complete. Drainage and surfacing items are 100% complete. The project is 98% complete with 77% of the contract time elapsed. Six persons were assigned to the project for engineering and inspection. The engineering layout is 97% complete.

I 94-1(27)23 Unit 2
Structures on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219,075.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Probable Completion Date 7-1-76

Good progress. The contractor worked nine 8-hour shifts and employed eighteen men on the project. Concrete was placed in the slab and curbs at Station 281 Westbound. Steel bridge rail is being erected and painted. The contractor has been forming, stripping and finishing at Station 281. Changes in the contract items are: Concrete 95%. Reinforcing steel 100%. Structural Steel 97%. Steel Bridge Rail 75%. Protective Coat 84%. All other items remain the same. The project is 95% complete with 210 working days or 91% of the contract time elapsed. Structure staking and computations are 94% complete. Eleven man days have been charged to the project this newsletter period.

I 94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.57
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 200 Working Days
Probable Completion Date 8-15-76

No progress. Work on the project has been suspended pending the completion of the structures. The aggregate surfacing and plant mix surfacing are 99% complete. The guardrail is 90% complete and signing is 60% complete. The project is 95% complete with 54% of the contract time elapsed. No engineering personnel were assigned to the project. The engineering layout is 96% complete.

I 94-1(40)0
Guardrail and Signing
on 23.8 Miles (Yellowstone Co.)
Pinehills - East
Contract Let 6-12-75
Amount of Contract - $329,158.35
Work Started 7-15-75

Bozeman Sand & Gravel, Contractor
Bozeman, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 110 Working Days
Completion Date 5-21-76

All data has been submitted to Helena. This is the final report on the project.

I 94-2(17)60 Ul & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr. Agg. Surf., PMBB & PMBS
Signing & Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3-75

Empire Sand & Gravel Company
Wickens Brothers
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342-5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Fair progress. No time was lost due to bad weather conditions. Grade finishing operations have continued working between stations 460+00 and 640+00. F. L. Flynn & Company, subcontractor are pouring concrete slope protection at Station 1334+00. Swan & Son, fencing subcontractor, moved on the project on June 10, 1976 and are continuing fencing operations on the project. Percentage complete of the various items are as follows. Grading 80%. Drainage 78%. Surfacing 11%. Structure 97%. Fencing 67%. The project as a whole remains 43% complete. Twenty men have been employed by the contractors. 130 of the allotted 300 working days have now been used, making 43% of the contract time elapsed. Seven employees are presently assigned to this project, and Bridge Inspection is provided as required. Construction layout is 50% complete.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1-75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 175 Working Days
Probable Completion Date 9-1-76

Good progress. The contractor worked nine 8-hour shifts and employed 13 men on the project. Concrete was placed in the slab at Station 1334. The contractor is presently forming deck at Station 1040 and stripping and finishing at Sta. 840. Changes in the contract items are: Concrete 69%. Reinforcing Steel 72%. Structural Steel 59%. All other items remain unchanged. The project is 78% complete with 122 working days, of which five days are time extensions or 70% of the contract time elapsed. Structure staking and computations are 78% complete. Six man days have been charged to the project this newsletter period.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

Good progress. Drainage work in progress has been the excavation for and the installation of the Storm Drain between Station 10+00 and 13+25.6 and between Station 20+90 and 24+94 on Center Ave. and between Station 93+00 and 93+75 and between Station 95+79 and 98+00 on 3rd Street. Grading work began on June 6, 1976 and is in progress on 3rd Street between Station 120+00 and 148+91.1. The fencer, Swan Construction, worked one 7-hour shift with four men employed and completed the fence right of Center Avenue, Station 37+05.2 to 49+57.5 and left of Center Avenue, Station 38+51 to 47+14. The Subcontractor for gravel crushing, Meyer Construction Company, began work on the project on June 7, 1976 and worked three double 8-hour and two single 8-hour shifts with four men employed per shift. Approximately 19,000 tons of 1½" crushed base course has been crushed and stock-piled. The contractor worked three 9-hour shifts with nine men employed, three 9-hour shifts with 15 men employed and two 9-hour shifts with 17 men employed. A total of 32 men were employed on the project during this reporting period. The miscellaneous items are 6% complete. Grading items are 12% complete. The Drainage items are 31% complete. Fencing items are 43% complete. The project as a whole is 11% complete with 34 of the 180 working days allowed having been used or 19% of the contract time elapsed. Two five men survey crews have been construction staking, storm drain staking and laying out intersections on 3rd Street and Center Avenue. Two men have been working in the office on drainage structures and quantity notes. One man is on pipe inspection and one man is testing gravel. Engineering layout is 28% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Probable Completion Date 10-15-76

Good progress. The contractor worked nine double 9-hour shifts on grading and nine 9-hour shifts hauling 1½" base gravel to the roadway and crushing and stockpiling 1½" base aggregate in the Busby pit. One days was lost due to inclement weather. Fifty men were employed by the contractor during the past two weeks. Work in progress consists of grading and installing drain culverts between Station 290 and Station 340, placing concrete cutoff walls throughout the project and placing 1½" base aggregate between Station 348 and Station 375. Bob Clark and Son, fencing subcontractor, built farm fence left of Station 200 to Station 260. All items are as follows: Grading 39% complete. Drainage 60% complete. Aggregate Surfacing 19% complete. Bituminous Surfacing 0% complete. Miscellaneous 48% complete. Signing 0% complete. Erosion control 19% complete. A twelve man engineering crew is assigned to construction inspection and layout. The project is 33% complete with 49% of the contract time elapsed. Construction layout is 35% complete.

M 1006(1) Broadwater Ave.
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount - $407,470.75
Work Not Started

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 90 Working Days
Probable Completion Date 12-1-76

The contract was let on May 27, 1976 and awarded to Cop Construction Company on June 2, 1976. A Notice To Contractor To Proceed with Work, June 22, 1976 was issued to the contractor on June 2, 1976 and a preconstruction meeting is scheduled for June 25, 1976 in the Billings Office. Engineering time has been 17 man days used during this reporting period.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Not Started

Sletten Const. Co., Contractor
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date 7-1-77

The contract was let February 26, 1976 and awarded to Sletten Construction Company on June 7, 1976. A Notice to Contractor to Proceed with Work, June 25, 1976 was issued the contractor on June 7, 1976 and a preconstruction meeting was held June 17, 1976 in the Billings Office. Engineering time has been one man day used during the reporting period.

M 1012(1) & U 53(19)
Signalization
Intersections on Main & Exposition
Contract Let 11-20-75
Work Started 4-6-76
Contract Amount - $41,363.00

Midland Electric Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 60 Working Days
Probable Completion Date 7-1-76

The contractor has employed three men and worked six 8-hour shifts. The signal standards arrived June 7, 1976. The contractor set signal standards, installed signal heads, pedestrian push buttons, pedestrian signal heads, controller and pulled wire and made necessary hook ups. The intersection was activated June 15, 1976. All functions operated as planned except the call from the detector loops. After investigating the problem it was decided the trouble was in the cabinet wiring. At the present time the intersection is running on fixed time. All items are 100% complete except for the controller-75%. Opticom systems-48%. Removal and salvage-0%. Curb, Precast Concrete-80%. Contract time elapsed is nine working days or 15% to date. Contract time was resumed on June 7, 1976 with the arrival of the signal standards. Engineering time charged to the project has been seven working days. The project as a whole is approximately 80% complete.

M 1020(2)
U.S. 10 & Moore Lane
Street Work Lighting & Signals
Contract Let 2-28-75
Contract Amount - $179,653.25
Work Started 10-6-75

Long Construction Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 45 Working Days
Probable Completion Date 7-1-76

No work has been done on the project since the last reporting date. All items on the project are 100% complete with the exception of the striping-plastic and words and symbols-plastic, which will be completed when the weather permits. Contract time elapsed is 20 working days or 43% to date and 27 working days remain. Two working days have been allowed for approved change orders. Engineering time charged to the project has been nine man days working in the office on notes and quantities. The project as a whole remains approximately 98% complete.

RS 129(14) Columbus-Rapelje
4.345 Miles-Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing &
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 8-15-76

The contractor worked nine 8-hour shifts and employed an average of five men per shift on the Keyser Creek Bridge. All deck slab forms have been removed and bridge rail has been erected. The structure is 99% complete and structure layout is 100% complete. A three man engineering crew has been engaged in inspection, structure layout and checking notes. The contractor is working one 8-hour shift

per day on roadway items with 38 men employed. Grading items are 99% complete. The contractor installed 44' of optional pipe. Drainage items are 91% complete. Fencing items are 83% complete. Seeding items are 93% complete. The contractor hauled 16,346 tons of 1½" Base Course to the roadway for a total to date of 73,709 tons. Surfacing items are 39% complete. Construction layout is 86% complete. A seven man engineering crew has been blue topping, inspecting construction, computing quantities and checking notes. The project is 79% complete with 58% of the contract time elapsed.

HHS 212(20) Lodge Grass-North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 10-15-76

The contractor has not arrived on the project as of yet. A four man engineering crew has been running centerline and an offset line for paver. There has been 8% of the contract time elapsed or five days used.

SMP-AR 5120-7563-1200
Structure Repair
Custer Battlefield Interchange
Contract Awarded 1-23-76
Contract Amount - $28,300.00
Work Started 2-19-76

Cop Construction Company, Contr.
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Completion Date 5-11-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 92% complete. One man day charged working on final quantities this newsletter period.

SMP-AR 5120-7369-1200
Structure Repair
Sarpy Creek Interchange
Contract Awarded 5-3-76
Amount of Contract - $31,480.00
Work Started 5-24-76

Cop Construction Company
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date 7-15-76

Good progress. The contractor worked nine 8-hour shifts and employed nine men on the project. The contractor removed and reset the prestress beam and patched the other damaged beams. Reinforcing steel and concrete was placed in the slab and curb. Contract items are: Mobilization 47%. Traffic control 14%. Repair Structure 80%. The project is 63% complete with 16 working days or 36% of the contract time elapsed. Structure staking and computations are 65% complete. Fourteen man days have been charged to the project this newsletter period.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/cw

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
June 18, 1976

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending June 18, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies and occasional windy periods along with temperatures ranging from 38° to 92° prevailed during the period. 1½" of precipitation was received throughout the Division. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, MT. - Tel. No. 232-1093
Probable Completion Date: Jan. 30, 1977

Work in progress during the past period consisted of performing required ground control work for photogammetry design. A total of 366 man days have been used to date. The ground control work as a whole, with a 6-man engineering crew engaged, is 80% complete.

DP 362 (9) - Lame Deer-Colstrip
Length - Approx. 21.0 Miles
Survey not started

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized July 31, 1975. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approximately 22.0 Miles
Survey not started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approximately 20.4 Miles
Survey not started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized October 20, 1975. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approximately 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel.No. 436-2891
Probable Completion Date: June 15, 1977

Field Project Manager Robert E. Swanson and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits.

CONSTRUCTION

I 94-3 (29) 90 U-1 - East Forsyth Interchange
Construction of a Dual 194' Concrete Girder Overpass & Approaches
Contract Let: May 29, 1975
Proceed Order: June 26, 1975
Amount of Contract: $514,972.17
Work Started: July 10, 1975

COP Construction Company, Contractor
Billings, Montana
Walter D. Dane, Field Project Manager
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 150 Working Days
Probable Completion Date: July 15, 1976

Progress during the past period has been fair. Work in progress consisted of finishing concrete for the Eastbound and Westbound Structures. The contractor worked eight 8-hour shifts during the past period with an average of three men employed. The project as a whole is 94% complete with 73% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 99% complete.

I 94-3 (29) 90 U-2 - Forsyth - E & W
Length - 5.745 Mi. Grad., Gravel Surf. Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US-12 - I Conn.-Forsyth
Length - 0.306 Miles Grad., Gravel Surf. Pl. Mix Surf., Sign., & 233.0' B-N Overpass Struct.
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Not Started.

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Construction layout in progress during the past period consisted of setting slope stakes on 2.3 miles. To date, centerline has been run on 5.7 miles or 100% complete, right-of-way lines have been run on 5.1 miles or 90% complete, grades computed on 5.7 miles or 100% complete and slope stakes have been set on 9.0 miles or 95% complete. Construction layout, with a six-man engineering crew engaged, is 50% complete. The contractor advises that he plans to begin work about July 6, 1976. 5% of the contract time has elapsed.

I 94-3 (27) 114 - Hathaway-East & West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been good. 130,000 cubic yards of unclassified borrow were moved making a total of 280,000 cubic yards or 31% complete. 28 lineal feet of CSP culvert were installed making a total of 1,290 lineal feet or 55% complete. The prime contractor worked twelve 9-hour shifts during the past period with 35 men employed. Subcontractor worked nine 8-hour shifts during the past period with 10 men employed, placing 34 cubic yards of class AD concrete at Graveyard Creek and Hathaway Interchange Structures. Structures as a whole are 76% complete. The project as a whole is 36% complete with 17% of the contract time elapsed. Construction layout, with a three-man engineering crew engaged, is 73% complete.

RF 156 (15) - 14 Mi. No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Mi. SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Not Started

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: Dec. 15, 1976

RF 156 (15) & (17) continued .....
No work was performed on this project during the past period. To date, centerline and right of way lines have been run and slope stakes set on 5.4 miles or 100% complete. Culverts have been staked on 5.0 miles or 93% complete. 13.2 miles of centerline for the plant mix overlay have been run or 100% complete. Construction layout, with a two-man engineering crew engaged, is 61% complete. A Preconstruction Conference has been scheduled for June 22, 1976. 8% of the contract time has elapsed.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Mgr. (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 125 Working Days
Probable Completion Date: July 15, 1976

Progress during the past period has been poor. 1,000 cubic yards of unclassified excavation were moved making a total of 11,000 cubic yards or 95% complete. 6,100 cubic yards of topsoil were placed making a total of 6,100 cubic yards or 91% complete. Subcontractor Williams & Sons worked seven 8-hour shifts with two men employed. Subcontractor Schmoll Construction Company installed 300 lineal feet of guardrail or 100% complete working two 8-hour shifts with two men employed. To date, 14,000 cubic yards of unclassified borrow have been moved or 95% complete. Structural steel erection is 90% complete. 400 cubic yards of riprap have been placed or 40% complete. The project as a whole is 81% complete with 83% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 98% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf. & Plant Mix Bit. Surf; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Contract Time: 200 Working Days
Probable Completion Date: August 15, 1976

Progress during the past period has been good. 112,000 cubic yards of unclassified excavation were moved making a total of 452,000 cubic yards or 79% complete. 118 lbs. of seed were applied making a total of 468 lbs. or 45% complete. 592 lbs. of fertilizer were applied making a total of 2,342 lbs. or 59% complete. 750 lineal feet of CSP were installed making a total of 2,844 lineal feet or 95% complete. 11,230 tons of 1½" base course were placed making a total of 43,672 tons or 37% complete. 2,479 tons of 3/4" top surfacing were placed making a total of 5,182 tons or 33% complete. The contractor worked five 9-hour shifts and two ten hour shifts with an average of 35 men employed. The project as a whole is 41% complete with 63% of the contract time elapsed. Construction layout, with a ten-man engineering crew engaged, is 85% complete.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf. and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 30, 1976

No work was performed on this project during the past period. To date, all items have been completed with the exception of seal and cover which will be applied in the 1976 construction season. The project as a whole is 92% complete with 69% of the contract time elapsed. Construction layout is 96% complete.

SMP 5599-75 - Maintenance Stockpiles on Various Roads in Custer, Rosebud, & Wibaux Counties
Contract Let: December 18, 1975
Proceed Order: January 9, 1976
Amount of Contract: $101,580.00
Work Started: April 5, 1976

Rock, Inc., Contractor
Great Falls, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 75 Working Days
Probable Completion Date: July 15, 1976

Progress during the past period has been poor. 5,661 tons of Type A top surfacing were crushed and stockpiled from Pit No. 5520-12, Wibaux County or 47% complete for this setup. To date, 35,661 tons have been crushed and stockpiled. The contractor worked nine 8-hour shifts during the period with 18 men employed. Four engineering personnel are assigned to the project. The project as a whole is 85% complete with 65% of the contract time elapsed.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Probable Completion Date: July 15, 1976

Progress during the past period has been good. All major items are 100% complete. The contractor worked nine 8-hour shifts with 3 men employed. The project as a whole is 95% complete with 64% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 100% complete.

Respectfully yours,

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:djk

cc: Div. File

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA
June 18, 1976

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period June 5, 1976, through June 18, 1976.

GENERAL

The temperatures varied from 83 degrees above to 39 degrees above zero with 1.76 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-E & Two Dot-West
Approximate Length: Martinsdale-E 5.7 Mi.
Approximate Length: Two Dot-West 7.4 Mi.
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller, Designer
Telephone: 538-8732
Lewistown, Montana

Martinsdale - East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18, 1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot - West: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. Design will resume when Hydraulic recommendations are furnished. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 95% complete. The design as a whole is 24% complete with 97 1/2 man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.118 Mi.
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
White Sulphur Springs
Telephone: 547-2100

No work was performed on this project the past two weeks as personnel are presently working on construction projects in the White Sulphur Springs area.

RS 68 (7) PN-Lohse Ferry Bridge & Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: Not yet

Unassigned at this time

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3, 1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Mi.
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Telephone: 538-8732
Lewistown, Montana

Field Survey work was suspended 1/30/76, resumed 2/18/76, and suspended 2/20/76. Items and percentage complete are as follows: centerline, bench levels, and land ownerships 100% complete. Cross-section 95% complete; checking field notes 90% complete; topography 44% complete, section ties 16% complete; plotting cross sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

F 256 (21) Winnett - East & West
Approximate Length: 6.5 Mi.
Survey Authorized: 2/5/72
Survey Started: 3/9/72
Survey Suspended: 5/15/72
Survey Resumed: 3/20/72

Mitch J. Miller, Designer
Telephone: 538-8732
Lewistown, Montana

The Design Public Hearing was held in Winnett on August 28, 1974. All location survey and supporting data was submitted to the Lewistown Division Office on September 11, 1974. The P.I.H. inspection was held May 11, 1976. Seventeen man-days were used making P.I.H. changes for 20% complete. The design as a whole is 58% complete with 230 man-days expended to date.

F 256 (35) Winnett - West
Approximate Length: 9.3 Mi.
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Telephone: 538-8732
Lewistown, Montana

Field Location Survey was suspended 1/3/75. Work completed to date includes: obtaining permission to survey permits, land ownerships, flyline, centerline, bench levels established and check levels. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete; plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs - Van Norman
Approximate Length: 14.0 Mi.
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Telephone: 538-8732
Lewistown, Montana

Field notes checked and reduced cross-section notes from Station 598+80 to Station 757+24.9 for a total to date of 14.0 miles or 95% complete. Plotting topography and drainage from Station 598+80 to Station 757+24.9 for 14.0 miles or 100% complete; plotting profile from Station 0+00 to Station 757+24.9 for 14.0 miles or 95% complete. A total of 553 man-days have been used and the survey is 95% complete.

DESIGN: Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 5% complete with 19 man-days expended.

F 268 (7) Ryegate - East & Lavina - West
Approximate Length: 12.5 Mi.
Survey Authorized: 3/17/72
Survey Started: 11/6/73

Ross M. Johnson
Field Project Manager
White Sulphur Springs
Telephone: 547-2100

All location survey and supporting data with the exception of the section ties, which have to be re-established, was transmitted to the Preconstruction Section, Helena, on May 12, 1976.

ER 72 (15) Armells Creek Slide
Grass Range - Malta
Survey Authorized: 10/22/75
Survey Started: 1/12/76
Survey Completed: 1/28/76

Carl W. Park
Field Project Manager
Telephone: 538-8732
Lewistown, Montana

A 7-man engineering crew began field location survey on January 12, 1976. Field work was completed January 21, 1976. Survey data was transmitted to Preconstruction in Helena for design on January 29, 1976. Plan in hand was held on May 11, 1976.

ER 72 (21) Melstone - Mosby — Unassigned at this time
Approximate Length: ± 0.379 Mi.
Survey Authorized: 1/27/76
Survey Started:
Survey Completed:

Geology Department started and completed foundation core drilling February 25, 1976. No location work has begun on this project. Survey work will be accomplished when a field survey crew becomes available.

ER 72 (23) Lewistown - Southeast — Unassigned at this time
Approximate Length: ± 0.5 Mi.
Survey Authorized: 1/27/76
Survey Started:
Survey Completed:

Geology Department started foundation core drilling February 26, 1976. No location work has begun on this project. Survey work will be accomplished when a survey crew becomes available.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Detailed drawings of the Grade Crossing at Stanford, Windham, and Central Avenue, Lewistown, have been sent to the R/W Bureau for further processing.

CONSTRUCTION

RF 8 (22) White Sulphur Springs - Harlowton
Grade, Gravel, Plant Mix Surface & Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75
Length: 6.935 Mi.

Hilde Construction Co. &
Maronick Construction (Jt)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
White Sulphur Springs
Telephone: 547-2100
Contract Time: 180 Working Days
Prob.Compl.Date: 8/1/76

Progress these past two weeks has been slow. The Contractor, Maronick Construction Co., worked 7 days employing an average of 8 men.
Work consisted of hauling and placing of 2,400 tons of 3/4" C.T.S. for a total to date of 23,000 tons or 100% complete. Placing 77 tons of MC-70 for a total to date of 222 tons or 100% complete, and general cleanup of project.
The Contractor anticipates that plant mix operations will begin on or about June 21, 1976.
The Sub-Contractor, Clark & Sons, worked one 10-hour shift employing 4 men. Work consisted of seed bed conditioning, seeding, fertilizing, mulching and completing the seeding on June 3, 1976.
The project as a whole is approximately 76% complete with 75% of the contract time elapsed. An 11-man engineering crew is assigned to this project for project inspection and construction layout.

U-RF 103 (15) Lewistown - North
Grading, Aggregate Surface, Plant
Mix Bit, Surfacing, Sewer Installation
Signing & Lighting & a 40.0 Prestressed
Concrete Bridge over Spring Creek
Length: 2.7 Mi.
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana 59801
Carl W. Park
Field Project Manager
Telephone: 538-8732
Lewistown, Montana
Contract Time: 160 Working Days
Prob.Compl.Date: 8/1/77

Progress the past two weeks has been fair. 35,000 cu. yds. of Uncl. Exc. has been moved for a total to date of 50,000 cu. yds. or 25% complete; 285 lineal ft. of culvert drain pipe were placed making a total to date of 615 lineal ft. or 50% complete; 390 lineal ft. of 8" P.V.C. pipe were placed for 100% complete; 900 lineal ft. of 3" P.V.C. pipe were placed for 31% complete. Prime Contractor worked six 8-hour shifts with 20 men employed. No grading work on 6/14/76, 6/16/76, or 6/17/76 due to excessive moisture on these days. Crushing and stockpiling of 1 1/2" TACBC began 6/9/76 in Carter gravel pit, six 8-hour shifts were worked with 8 men employed.
Sub-Contractor, Falls Construction Co., began water line revision on 6/10/76, and worked two 8-hour, one 9-hour, one 10-hour, and one 5-hour shifts with 12 men employed.
The project as a whole is 6% complete with 16% of the contract working days expended. Construction layout is 95% complete with 8 men assigned for construction supervision and inspection.

ROW F 103 (14) Sandhouse
Metal Building (Sandhouse)
Lewistown Div. Maintenance Yard
Contract Awarded: 11/3/75
Contract Amount: $13,998.00
Work Started: 11/13/75

Dover Construction Co., Inc.
Lewistown, Montana
Dale DeVore, Field Proj. Mgr.
Lewistown, Montana
Telephone: 538-8732
Contract Time: 85 Calendar Days
Prob.Compl.Date: 7/15/76

The sandhouse was completed and accepted on June 8, 1976. The final estimate was submitted to the Division Office on June 17, 1976. Final estimate and supporting data will be submitted to Helena Construction Office by July 1, 1976.

RF 138 (8) Roundup - North
Grade, Gravel, Plant Mix Surfacing, Bridge
Project Length: 6.2 Mi.
Contract Awarded: 5/24/76
Work Started: Not yet
Contract Amount: $2,033,972.96

Zook Bros. Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Mgr. (Road)
Albert Reather
Field Project Mgr. (Bridge)
Telephone: 323-2040
Roundup, Montana
Contract Time: 180 Working Days
Prob.Compl.Date: 9/15/77

A 5-7 man engineering crew worked 36 man-days slope staking between Station 574+00 and Station 615+00, and between Station 627+00 and Station 640+00, and general office work, and 24 man-days blue topping on Project RS 71 (06) Ryegate-South. The Preconstruction Conference was held at 10 A.M., June 15, 1976, in the Lewistown Division Office. The Contractor plans to start work about June 28, 1976.
Mountain Bell completed their line revisions June 8, 1976, and Fergus Electric plans to complete their revisions by June 25, 1976.
Centerline, bench and check levels are 100% complete, slope staking is 96% complete, culverts staked are 5% complete, R/W is 90% complete, bridge 0% complete, and staking of the project as a whole is 85% complete.

RF 157 (26) U-1 Cohagen - North
4.337 Miles Grading, Aggregate Surfacing, Plant Mix Bituminous Surfacing & Signing
Contract Let: 5/15/75
Bid Price: $739,065.95
Work Started: 6/23/75

Neshem-Peterson, Inc., Contr.
Berthold, North Dakota 58717
Carl W. Park
Field Project Manager
Telephone: 538-8732
Lewistown, Montana
Contract Time: 200 Working Days
Prob.Compl.Date: 10/20/76

The prime Contractor, Neshem-Peterson, Inc., was issued a conditional completion of the project as of May 21, 1976, pending the seeding of approximately 2 acres of the Zook Gravel Pit, which will not be completed until after October 15, 1976, due to the high water table present in the pit area.
The project as a whole is 99% complete with 118 days used as of May 21, 1976.

RS 49 (10) Fort Logan - White Sulphur Springs
0.9 Miles Structure & Approaches
Contract Let: 11/14/74
Contract Awarded: 11/15/74
Bid Price: $426,589.77
Work Started: 12/10/74

Sletten Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Mgr. (Road)
Dale DeVore
Field Project Mgr. (Bridge)
Telephone: 547-2100
Contract Time: 150 Working Days
Prob.Compl.Date: 8/1/76

No progress on this project the past 2 weeks. The Sub-Contractor, Kraus Construction Co., anticipates moving on project for road mix operation as soon as weather permits.
The project as a whole is approximately 89% complete with 71% of the contract time elapsed.
One man is assigned to project inspection.

ROS 268 (9) Ryegate - East
Grade and Surface, Guardrail
Work Authorized: 9/8/75
Estimated Contract Amount: $14,374.85
Work Began: 11/13/75

D.O.H. Field Maintenance
Lewistown, Montana
Martin C. Van Mil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 30 Working Days
Compl. Date: 5/25/76

Final inspection was made June 4, 1976, by R. W. Freeman, P.E., Supervisor, Division Construction Section. Final estimate is being checked in the Division Office and will be submitted to Helena Construction Bureau by July 1, 1976.

RS 71 (6) Ryegate - South
Gravel, Plant Mix Base and Stripe
Contract Awarded: 4/29/76
Contract Amount: $424,429.54
Contract Time: 90 Working Days
Work Started: 5/20/76

R. J. Studer & Sons
P. O. Box 20204
Billings, Montana
Martin Van Mil
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Prob.Compl.Date: 10/31/76

Progress during the past reporting period has been good. The Contractor worked nine 9-hour shifts with an average of 15 men employed. Work consisted of producing and placing 23,054 tons of 1" C.B.C. between Station 467+00 and Station 730+00 for a total to date of 33,858 tons or 81.5% complete. Producing and stockpiling 480 tons of 1/2" cover material for a total to date of 1,280 tons. Finished producing 1/2" cover material on 6/8/76. Contractor started finishing 1" C.B.C. on 6/14/76 between Station 439+00 and 550+00.
The project as a whole is 25.3% complete with 21.1% of the contract time elapsed. Construction layout is 75% complete with a 6-man engineering crew assigned to the project.

RS 444 (3) Utica - Windham
Length: 10.7 Mi.
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Not Started

Hilde Construction Co. &
Maronick Construction Co. (Jt)
East Helena, Montana
Bruce Barrett
Field Project Manager
Telephone: 423-5327
Hobson, Montana
Contract Time: 180 Working Days
Prob.Compl.Date: 9/15/77

An 8-man engineering crew worked the past reporting period slope staking from Station 200+00 to Station 350+00, worked on the utility finals, checked cross section notes and worked on cross sections and notes for culvert installations. Construction staking is 62% complete and overall construction layout is 45% complete. An 8-man engineering crew is assigned to the project.
The order to proceed was issued June 18, 1976, and the Preconstruction Conference is scheduled for June 24, 1976.

RS 450 (3) Denton - North
6.4 Miles Grading, Aggregate Surface
Plant Mix Surfacing, Drain, Seal &
Cover, Signing & Construct 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Zook Bros. Construction Co.
P. O. Box 2025
Great Falls, Montana
Carl W. Park
Field Project Mgr. (Road)
Dale DeVore
Field Project Mgr. (Bridge)
Telephone: 538-8732
Lewistown, Montana
Contract Time: 175 Working Days
Prob.Compl.Date: 11/1/76

Progress the past 2 weeks has been good. 75,000 cu. yds. of Uncl. Exc. were moved making a total to date of 210,000 cu. yds. or 80% complete; 210 lineal ft. of small drainage culverts were placed for a total of 492 lineal ft. or 62% complete; 116 lineal ft. of large drainage culverts were placed for 216 lineal ft. to date or 100% complete; revision of missile cable facility is 100% complete and fencing sub-contract is 92% complete. Contractor worked seven 9-hour shifts with 20 men employed. No construction work was accomplished on 6/14/76, 6/16/76, or 6/17/76 due to excessive moisture during these days. The project as a whole is 22% complete with 10% of the contract working days expended. An 8-man engineering crew is engaged in construction inspection and supervision with engineering layout 95% complete.

BRIDGE: The Sub-Contractor, Mackin Construction Co., has made good progress. All piling items are complete, and concrete has been placed for the stub footing for bent one and formwork is in progress for the stub footing at bent two. The Contractor expects to set prestress beams before the end of June. All piling items are 100% complete, the class AD concrete is 12% complete, and the reinforcing steel is 3% complete. A total of 5 men are employed and have worked a total of eight 8-hour shifts; 2 days were missed because of rain. The bridge portion is 10% complete.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/llg

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

JUNE 4, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

June 4, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91	97 June 1976	Weyher Construction Co. $1,515,936
FHP 60-1(1)	Raynolds Pass	8.4	Bituminous Plant Mix Paving	65	23 June 1976	Baltrusch Construction $277,050
FH 45-3(2)	Madison River Highway in West Yellowstone	0.675	Grading, PMS	19	71 Sept 1976	Robert Burggraf Co. $580,025
BHC 1(3)	Big Horn Canyon National Recreation Area	7.5	Grading, PMS		Awarded May 5,1976	R. J. Studer & Sons $2,759,751